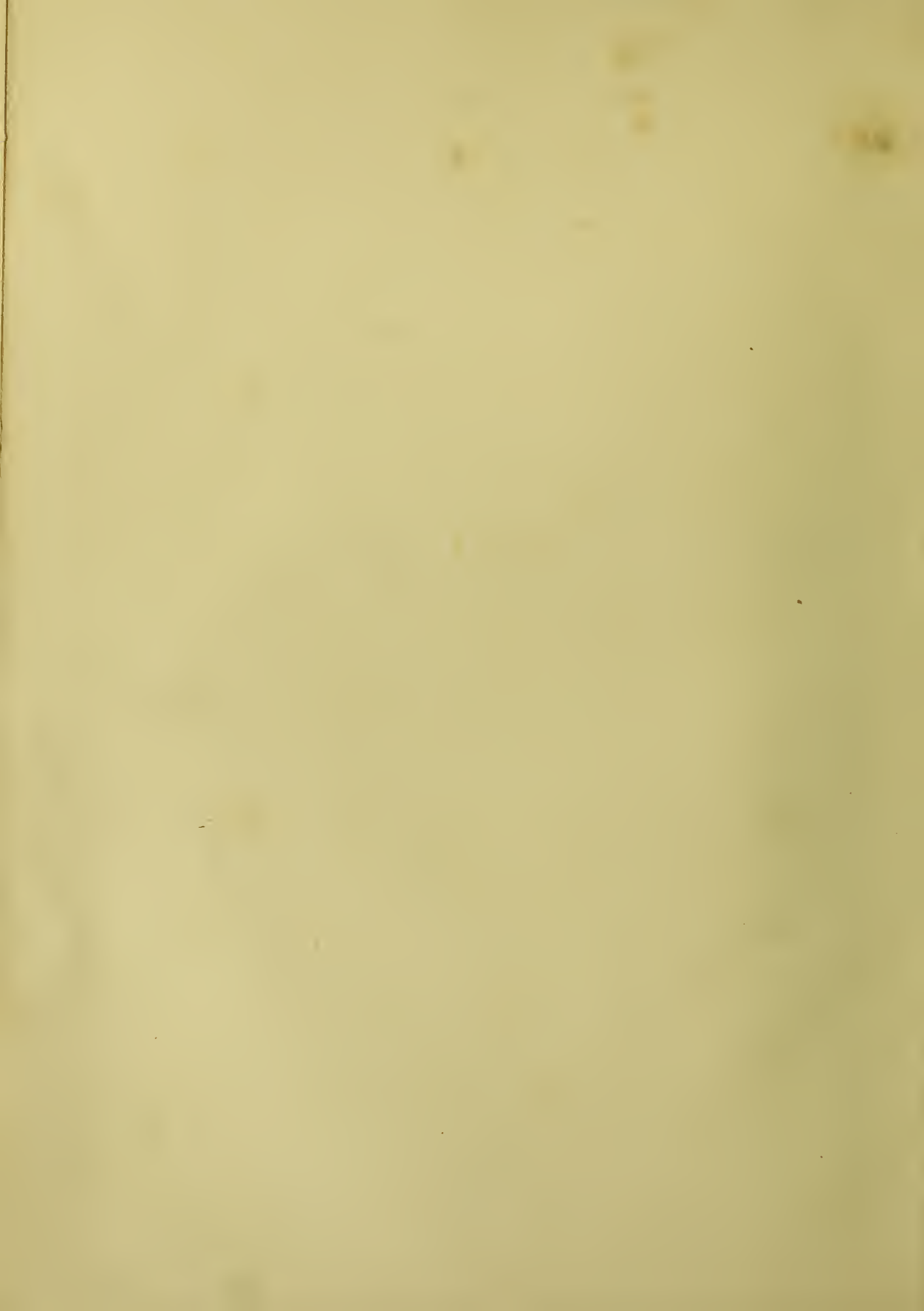


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GENERAL INDEX  
TO THE  
PHILOSOPHICAL TRANSACTIONS,

FROM THE FIRST TO THE END OF  
THE SEVENTIETH VOLUME.

By PAUL HENRY MATY, M.A. F.R.S.  
UNDER LIBRARIAN TO THE BRITISH MUSEUM.



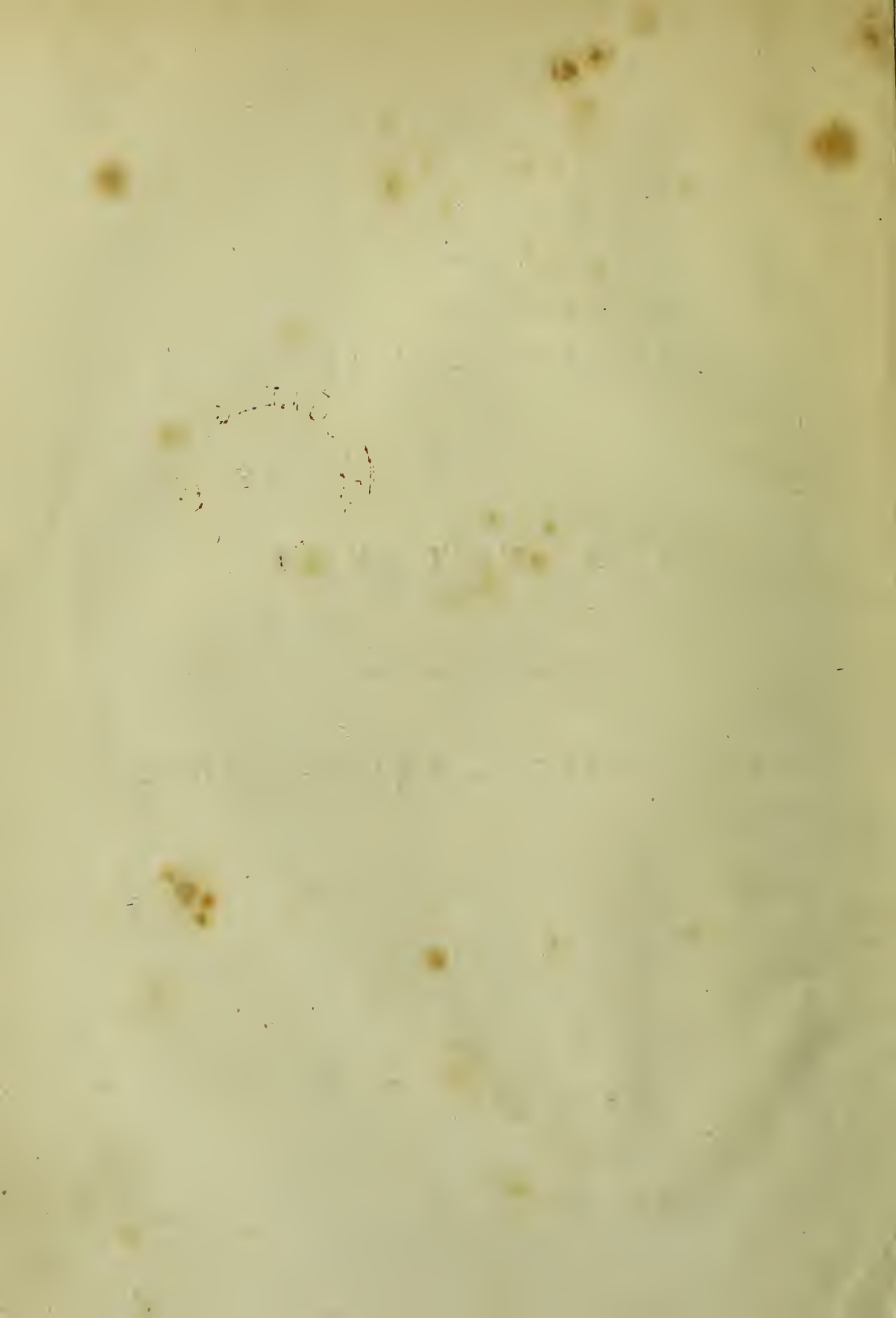
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## ALPHABETICAL INDEX

TO THE

## PHILOSOPHICAL TRANSACTIONS.

The first column refers to the Transactions at large, and the other to the Abridgment.  
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— Experiments on animal fluids in the exhausted receiver - <i>Darwin</i>	LXIV 344	
— Experiments on animals and vegetables, with respect to the power of producing heat - <i>John Hunter</i>	LXV 446	
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— Experiments and observations on the inflammable air, breathed by several animals <i>Fontana</i>	LXIX 337	
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— Of an obstruction of the biliary ducts, and an impostumation of the gall-bladder, discharging upwards of 18 quarts of bilious matter in 25 days, without any apparent defect in the animal functions — — — — — <i>Amyand</i>	XL 317	VIII 503
ANIMAL (Fossile).—An account of the impression of the almost entire skeleton of a large animal in a very hard stone found at Elston, near Newark, Nottinghamshire — — — — — <i>Stukeley</i>	XXX 963	V 2 272
— An account of a pair of very extraordinary large horns found in Wapping some years since; with a probable account whence they came, and to what animal they belonged — — — — — <i>Sloane</i>	XXXIV 222	VII 441
— A count of a fossile thigh-bone of a large animal dug up at Stone's-field, near Woodstock in Oxfordshire — — — — — <i>Platt</i>	L 524	
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ANIMAL JUICES. See <i>Juices</i> .		
ANIMALCULA. Observations concerning some little animals observed in rain, well, sea, and snow-water; as also in water where pepper had lain infused — — — — — <i>Leeuwenhoek</i>	XII 821	III 683
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— Observed in semine Humano — — — — — <i>Leeuwenhoek</i>	— 1040	
— <i>Leeuwenhoek</i> answered by — — — — — <i>Oldenburg</i>	— 1045	
— <i>Oldenburg</i> answered by — — — — — <i>Leeuwenhoek</i>	— 1044	
— Extracts from other letters of — — — — — <i>Leeuwenhoek</i>	— 1045	
— Concerning animalcula found in the teeth — — — — — <i>Leeuwenhoek</i>	XVII 646	— 684
— Several observations and experiments on the animalcula in pepper-water — — — — — <i>Sir Edmund King</i>	XVII 861	— 654
— Some microscopical observations of vast numbers of animalcula seen in water — — — — — <i>Harris</i>	XIX 254	— 652
— Answer to the objections made to <i>Leeuwenhoek's</i> opinions concerning the animalcula in semine in masculino — — — — — <i>Leeuwenhoek</i>	XXI 270	— 686
— Concerning the animalcula in semine humano — — — — — <i>Leeuwenhoek</i>	— 301	— —
— Further observations on the animalcula in semine masculino — — — — — <i>Leeuwenhoek</i>	XXII 739	
— Several microscopical observations and experiments concerning the animalcula in semine masculino of cocks and spiders — — — — — <i>Leeuwenhoek</i>	XXIII 1137	V 2 264
— Letter concerning green weeds growing in water, and animalcula found about them — — — — — <i>Leeuwenhoek</i>	— 1304	

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— Observations on some animalcula in water - - - <i>Leeuwenhoek</i>	— 1430	- - 226
— A letter concerning animalcula, on the roots of duck weed - - - <i>Leeuwenhoek</i>	XXIV 1784	- - 267
— Part of a letter concerning some microscopical observations upon the animalcula in femine of young rams - - - <i>Leeuwenhoek</i>	XXVII 316	- - —
— A letter containing some further microscopical observations on the animalcula found upon duck-weed - - - <i>Leeuwenhoek</i>	XXVIII 160	- - —
— Observations on a particular manner of increase in the animalcula of vegetable infusions, with the discovery of an indissoluble salt arising from hemp-seed put into water till it becomes putrid - - - <i>Ellis</i>	LIX 138	
ANNUITIES. An estimate of the degrees of the mortality of mankind, drawn from curious tables of the births and funerals at the city of Breslaw; with an attempt to ascertain the price of annuities upon lives - - - <i>Halley</i>	XVII 596	
— The easiest method of calculating the value of annuities upon lives from tables of observations - - - <i>De Moivre</i>	XLIII 65.	
— A letter concerning the value of an annuity for life, and the probability of survivorship - - - <i>Dodson</i>	XLVIII 487	
— A letter concerning the method of constructing a table for the probabilities of life at London - - - <i>Brakenridge</i>	XLIX 167	
— A letter with a table of the value of annuities on lives - - - <i>Dodson</i>	— 891	
— A letter concerning the term and period of human life: in which the inequalities in constructing, and the false conclusions drawn from Dr. Halley's Breslaw table, are fully proved; the supposed extraordinary healthfulness of that place is particularly examined, and confuted; and its real state shewn to be equalled by divers places in England; the imperfection of all the tables formed upon 1000 lives shewn; and a method proposed to obtain one much better - - - <i>T. W.</i>	LII 46	
— Observations on the expectations of lives, the increase of mankind, the influence of great		



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towns on population, and particularly the state of London with respect to healthfulness and number of inhabitants - <i>Price</i>	LIX 89	
ANNUITIES. Short and easy theorems for finding, in all cases, the differences between the values of annuities payable yearly, and of the same annuities payable half-yearly, quarterly, or monthly - <i>Price</i>	LXVI 109	
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ANOMALIES. Considerations concerning Mercator's geometric and direct method for finding the apogees, excentricities, and anomalies of the planets - <i>Mercator</i>	V 1168	I 253
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ANTHELIUM. Observation on an anhelium seen at Witemberg Jan. 17-8, 1738 (Lat.) - <i>Weidler</i>	XLI 221	VIII 516
— An account of an anhelium observed near Oxford July 24, 1760 - <i>Swinton</i>	LII 94	
ANTICOSTI. Immersions and emersions of Jupiter's first satellite, observed at Jupiter's inlet on the island of Anticosti, North America, and the longitude of the place deduced from comparison, with observations made at the Royal Observatory at Greenwich, by the Astronomer Royal - <i>Wright</i>	LXIV 190	
ANTIEN T SHRINE. An account of an antient shrine formerly belonging to the abbey of Croyland - <i>Stukeley</i>	XLV 579	XI 1313
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ANTIMONY. On the virtue of antimony <i>Anon.</i>	III 774	II 56
— Experiments of refining gold with antimony - <i>Godaard</i>	XII 953	II 595, 597, 598
— Observations on the effects of the vitrum antimonii ceratum - <i>Geoffroy</i>	XLVII 273	
— Medical and chemical observations upon antimony - <i>Huxham</i>	XLVIII 832	
ANTIQUITIES. An account of a Roman monument found in the bishoprick of Durham, and of some Roman antiquities at York <i>Lifter</i>	XIII 70	III 423
— Some observations upon the ruins of a piece of a Roman wall and Multangular tower at York - <i>Lifter</i>	— 233	— 419
— An account of an antient mantle-tree in Northamptonshire, on which the date of it (for the year of our Lord 1133) is expressed by the nu-		

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meral figures, which shews the great antiquity of those figures in England	XIII 399	I 107
— An account of fine antiquities found at Kirkbythore, in Westmoreland - <i>Machel</i>	XIV 555	II 430
— An account of an earthen vessel lately found near York - <i>Anon.</i>	XV 1017	III 419
— The figures of some antiquities explained <i>Anon.</i>	— 1159	— 446
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— A discovery of some antiquities made upon the inundation of the Tiber - <i>Anon.</i>	XVI 227	— 448
— Account of some Roman antiquities found in Yorkshire - <i>Thoresby</i>	XIX 738	— 421
— Letter concerning some Roman antiquities lately found in Yorkshire - <i>Thoresby</i>	XX 310	— —
— Letter concerning a piece of antiquity lately found in Somersetshire - <i>Musgrave</i>	— 441	— 441
— Letter concerning the Saxon antiquity mentioned in Vol. XX. p. 441 - <i>Hicke.</i>	XXII 467	— 442
— Letter concerning some Roman antiquities in Lincolnshire - <i>De la Pryme</i>	— 561	— 428
— Letter concerning several Roman antiquities found near the Devizes in Wiltshire <i>Clark</i>	— 758	V 2 31
— An account of some Roman, French, and Irish inscriptions and antiquities lately found in Scotland and Ireland - <i>Llwyd</i>	— 768	IV 2 322
— Letter concerning several Roman inscriptions, and other antiquities, in Yorkshire - <i>Christopher Hunter</i>	XXIII 1129	V 2 44
— Letter concerning a leaden coffin taken out of a Roman burying-place near York <i>Thoresby</i>	XXIV 1864	V 2 41
— Part of a letter concerning some Roman antiquities found in Yorkshire <i>Thoresby</i>	XXVI 289	- - 40
— A letter concerning some Roman antiquities observed in Yorkshire - <i>Thoresby</i>	— 314	- - 40
— A letter concerning some ancient brass instruments found in Yorkshire <i>Thoresby</i>	— 393	- - 98
— A letter occasioned by some antiquities lately discovered near Bramham Moor, in Yorkshire - <i>Hearne</i>	— 395	- - 47
— A letter giving an account of antiquities lately found at Corbridge, in Northumberland <i>Todd</i>	XXVII 291	- - 47
— A letter giving a further account of what Mr. Lhwyd met with remarkable, in natural history and antiquities, in his travels through Wales - <i>Lhwyd</i>	— 500	- - 120

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— Several observations relating to the antiquities and natural history of Ireland, in his travels through that kingdom <i>Lhwyd</i>	XXVII 503	IV 2 182 V 2 125
— — — — — <i>Lhwyd</i>	— 524	V 2 126
— Extracts of letters containing observations in natural history and antiquities, in his travels through Wales and Scotland <i>Lhwyd</i>	XXVIII 93	— 120, 123
— Part of a letter containing a relation of several urns and sepulchral monuments lately found in Ireland <i>Nevill</i>	— 252	— 95
— An account of some ancient trumpets, and other pieces of antiquity, found in the county of Tyrone in Ireland <i>Nevill</i>	— 270	—
— An accurate account of a tessellated pavement bath, and other Roman antiquities lately discovered at East Bourne in Suffex <i>Tabor</i>	XXX 549	— 63
— The rest of the treatise concerning the site of the ancient city of Anderida, and other remains of antiquity in the county of Suffex <i>Tabor</i>	— 783	— 71
— Some amendments and additions to the account of things found under ground in Lincolnshire <i>Thoresby</i>	XXXII 344	VII 4 22
— Ex veterum Prussorum re Antiquaria Schediasma <i>Klein</i>	XLI 384	IX 414
— An attempt to explain some remains of antiquity lately found in Hertfordshire <i>Ward</i>	XLIII 349	XI 1298
— Extract of a letter concerning an antique obelisk in Rudstone church-yard <i>Knowlton</i>	XLIV 101	
— A letter concerning an antique-shoe found in the isle of Axholm, in Lincolnshire <i>Stovin</i>	— 571	
— Letter concerning the antiquities dug up from the antient Herculeum <i>Paderni</i>	XLVIII 71,	490
— — — — — <i>Spence</i>	— 488	
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— — — — — <i>Nixon</i>	— 88	
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— An account of some antiquities found in Cornwall <i>Borlase</i>	LI 13	
— Account of several antiquities lately discovered in Italy <i>Venuti</i>	— 201	
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— See <i>Herculeum, Coin, Inscription, Lamps, Rome.</i>		
ANTISEPTIC. Part of a letter on the antiseptical regimen of the natives of Russia <i>Guthrie</i>	LXVIII 622	



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ANT. Observations concerning emmets, or ants; their eggs, production, progress, coming to maturity, use, &c. <i>King</i>	II 425	II 789
— Experiments on the necessity of air to the motion of ants <i>Boyle</i>	V 2054	
— Uncommon observations and experiments made with an acid juice; to be found in ants <i>Wray</i>	— 2063	— 791
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— An abstract of the Rev. Mr. Gould's account of English ants <i>Miles</i>	XLIV 357	IX 833
ANT-BEAR. An account of the ant-bear in the island of Ceilan <i>Strachan</i>	XXIII 1094	V 2 179
ANUS. An account of an animal resembling a whelp voided per anum by a male greyhound <i>Halley</i>	XIX 316	II 904
— Bones of a foetus voided by anum some years after conception <i>Merley</i>	— 486	
— The head and ribs of a foetus brought forth by the anus <i>Lindelstolpe</i>	XXXIII 171	VII 557
— An account of a fork put up the anus, that was afterwards drawn out through the buttock <i>Payne</i>	— 408	— 521
— Account of the preternatural delivery of a foetus at the anus <i>Nourse</i>	XXXVI 435	— 559
— Case of the bones of a foetus coming away by the anus <i>Winthorp</i>	XLIII 304	XI 1015
— <i>Simon</i>	— 529	— 1016
— A letter concerning a child born with an extraordinary tumour near the anus, containing some rudiments of an embryo in it <i>Huxham</i>	XLV 525	— 1020
— An account of a suppression of urine cured by a puncture made in the bladder through the anus <i>Robert Hamilton</i>	LXVI 578	
AORTA. An account of an extraordinary aneurisina of the arteria aorta near the basis of the heart, with the symptoms thereof <i>Lefage</i>	XXII 666	
— An account of an aneurism of the heart <i>Dod</i>	XXXV 436	— 566
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APER MEXICANUS MOSCHIFERUS. The anatomy of the Mexico Musk Hog <i>Tyson</i>	XIII 359	II 873
APHELIA. A direct and geometrical method by which the aphelia excentricities, and proportion of the orbs of the principal planets, may be found without supposing the equality of the angle of motion at the other focus of the planet's ellipsis <i>Halley</i>	XI 683	I 258
APHIDES. Observations on the aphides of Linnæus <i>Richardson</i>	LXI 182	
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APHYLLON. An account of aphyllon and dentaria heptaphylos of Clusius, omitted by Mr. Ray - - - <i>William Watson</i>	XLVII 428	
APOGEE. Considerations concerning Mercator's geometric and direct method for finding the apogees, excentricities and anomalies of the planets - - - <i>Mercator</i>	V 1168	I 253
— A letter concerning the mean motion of the moon's apogee - <i>Murdoch</i>	XLVII 62	
APOGEE. See <i>Planet</i> .		
APONENSIAN. An account of the Aponensian baths near Padua - <i>Doddington</i>	VII 4067	II 344
APOPLEXY. Phenomenon observed in the body of a noble Woman who died of an apoplexy <i>Cole</i>	XV 1068	III 29
APOSTEM. Cure of one who swallowed a knife, which lay in his stomach a year and 7 months, and then worked out at an aposthem on his breast - <i>Sloane</i>	XIX 120	
APOSTEMATION. A letter concerning the cure of an apostemation of the lungs - <i>Wright</i>	XXIII 1379	
— — — <i>Cowper</i>	— 1386	V 227
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APPLES. Of an excellent liquor made with cyder-apples and mulberries - <i>Colepress</i>	II 502	
— Observations on insects bred in rain-water, in apples, cheese, &c. - <i>Leeuwenboock</i>	XVIII 194	III 685
— An account of a new sort of molosses made of apples - <i>Dudley</i>	XXXII 231	VI 2 379
— The effects which the farina of the blossoms of different sorts of apple-trees had on the fruit of a neighbouring tree - <i>Cook</i>	XLIII 525	X 751
— A letter concerning a mixed breed of apples from the mixture of the farina <i>Cooke</i>	XLV 602	X 752
— Part of a letter concerning the effects of the mixture of the farina of apple-trees <i>Cooke</i>	XLVI 205	X 752
— Singular observations upon the Manchenille apple - <i>Peyssonel</i>	L 772	
APPLES. See <i>Cyder</i> .		
APPROXIMATION. An attempt towards the improvement of the method of approximations, in the extraction of the roots of equations in numbers - <i>Taylor</i>	XXX 610	IV 80
— Concise rules for computing the effects of refraction and parallax, in varying the apparent distance of the moon from the sun or a star: also an easy rule of approximation for computing the distance of the moon from a star,		

the longitudes and latitudes of both being given, with demonstrations of the same	Transf.	Abridg.
— <i>Maskeelyne</i>	LIV 263	
APPULSES. Appulses of the moon to Saturn, and the fixed stars observable in the year 1671 foretold, and reduced to the meridian and latitude of London	V 2029	I 453
— Letters concerning the appulses of the moon for 1673, and the other planets to the fixed stars, together with an observation of the planet Mars	VII 5118	- 265,424
— The appulses of the moon, and other planets to the fixed stars, predicted for 1674	VIII 6162	III 149
— An advertisement to astronomers, of the advantages that may accrue from the observations of the moon's frequent appulses to the Hyades, during the course of the three next ensuing years	XXX 692	IV 298
— On the method of determining the places of the planets, by observing their near appulses to the fixed stars	XXXI 209	VI 170
— A new method of calculating eclipses, particularly of the earth, and of any appulses of the moon to planets and fixed stars	XLIII 22	
— An account of an appulse of the moon to Jupiter, observed at Chelsea	LIII 31	
AQUAFORTIS. A letter containing some microscopical observations upon the chrySTALLIZED particles of silver dissolved in aquafortis	XXVII 20	V 2 267
— Sequel to the case of Mr. Butler of Moscow, who was strangely affected by mixing verdigrease and false leaf-gold with aquafortis	LIV 15	
AQUATIC ANIMAL. Account of a strange aquatic animal as viewed in the microscope	XLII 416	IX 38
AQUATIC INSECT. A description of a very remarkable aquatic insect, found in a ditch of standing water near Norwich	LVII 72	
AQUEDUCT. An account of an aqueduct designed for carrying the river Eure to Versailles	XV 1016	I 594
— A farther account of the aqueduct near Versailles	— 1206	— —
ARABIAN FIGURES. An account of an antient date in Arabian figures upon the north front of the parish church of Rumney in Hampshire	XLI 652	IX 432
— A brief inquiry into the reading of two dates in		

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Arabian figures cut upon stones, which were found in Ireland - <i>Ward</i>	XLIII 283	XI 1260
— A description of an antient date in Arabian figures at Walling, near Aldermarston, Berkshire - <i>Ward</i>	XLV 603	— 1267
— See <i>Date</i> .		
ARALIASTRUM. Account of a new genus of plants called Araliastrum, of which the famous Nin-Zin, or Gin-seng of the Chinese, is a species - <i>Vaillant</i>	XXX 705	IV 2 319
ARC. An investigation of a general theorem for finding the length of any arc of any conic hyperbola by means of two elliptic arcs, with some other new and useful theorems deduced therefrom - <i>Landen</i>	LXV 283	
ARCH. An account of the appearance of several unusual parhelia, or mock suns, together with several circular arches lately seen in the air <i>Halley</i>	XXIII 1127	— 228
— Extracts of several letters concerning the appearance of several arches of colours contiguous to the inner edge of the common rainbow at Petworth - <i>Langwith</i>	XXXII 241	VI 122
Another letter, with some reflections on the same subject - <i>Pemberton</i>	— 245	— 123
— Account of a luminous arch, Feb. 16, 1749 - <i>Cooper</i>	XLVI 647	X 507
ARCHIMEDES. Extract of a letter concerning Mr. de Buffon's re-invention of Archimedes's burning specula - <i>Buffon</i>	XLV 504	— 195
— Observations upon father Kircher's opinion concerning the burning of the fleet of Marcellus by Archimedes - <i>Parsons</i>	XLVIII 621	
ARCHIPELAGO. A relation of the raining of ashes in the Archipelago, upon the eruption of mount Vesuvius, some years ago <i>Robinson</i>	I 377	II 143
— Observations in travels from Venice through Istria, Dalmatia, Greece, and the Archipelago, to Smyrna - <i>Vernon</i>	XI 573	
ARCTURUS. An enquiry into the quantity and direction of the proper motion of Arcturus, with some remarks on the diminution of the obliquity of the ecliptic - <i>Hornsbj</i>	LXIII 93	
ARCUTIO. Extract of a letter concerning the arcutio to lay children in, to preserve them from being overlaid - <i>St. John</i>	XXXVII 256	VII 4 46
AREA. A specimen of a new method of comparing curvilinear areas; by which many such areas		



	Trans.	Abridg.
may be compared, as have not yet appeared to be comparable by any other method <i>London</i>	LVIII 174	
— Theorems concerning the greatest and least areas of polygons inscribing and circumscribing the circle <i>Horsley</i>	LXV 301	
— Some new theorems for computing the areas of certain curved lines <i>Landen</i>	LX 441	
— See <i>Curve</i> .		
AREOMETER. Description and use of a new areometer <i>Fabrenheit</i>	XXXIII 140	VI 326
AREOMETRY. An essay on pyrometry, and areometry, and on physical measures in general <i>De Luc</i>	LXVIII 419	
ARITHMETICK. An extract of two essays in political arithmetick concerning the comparative magnitude of London and Paris <i>Petty</i>	XVI 152, 237	
— An arithmetical paradox concerning the chances of lotteries <i>Roberts</i>	XVII 677	III 679
— An account of a person who can neither read nor write, yet will reckon sums with great exactness <i>Locke</i>	XXII 893	V 2 219
— A short account of negativo-affirmative arithmetick <i>Colson</i>	XXXIV 161	VI 1
— The description and use of an arithmetical machine invented by <i>Gersten</i>	XXXIX 79	VIII 16
— On the arithmetic of impossible quantities <i>Playfair</i>	LXVIII 318	
ARM. An account of the cure of two sinuous ulcers possessing the whole arm, with the extraordinary supply of a callus which fully answers the purposes of the Os Humeri lost in time of cure <i>Fawler</i>	XXV 2466	V 388
— An account of the man whose arm, with the shoulder-bone, was torn off by a mill, Aug. 15, 1737 <i>Belchier</i>	XL 313	IX 266
— The case of Mary Howell, who had a needle run into her arm and came out at her breast <i>Anon.</i>	XLI 767	— 238
— An extraordinary case of a fracture of the arm <i>Freke</i>	XLVI 397	XI 1108
— An account of a cure of a paralytic arm by electricity <i>Hart</i>	XLIX 558	
— An account of a remarkable operation on a broken arm <i>White</i>	LI 657	
— An account of the extraction of three inches and ten lines of the bone of the upper arm, which was followed by a regeneration of the		



	Transf.	Abridg.
bony matter; with a description of a machine made use of to keep the upper and lower pieces of the bone at their proper distances, during the time that the regeneration was taking place; and which may also be of service in fractures happening near the head of that bone		
— <i>Le Cat</i>	LVI 270	
— Account of a woman enjoying the use of her right arm after the head of the Os Humeri was cut away	<i>Bent</i> LXIV 353	
ARMADILLA. An account of an American armadilla	<i>W. Watson</i> LIV 57	
ARMENUS. Of an Hungarian Bolus of the same effects with the Bolus Armenus	<i>Anon.</i> I 11	II 457
AROMATIC. An account of an insect feeding upon henbane, the horrid smell of which is in that creature so qualified thereby, as to become in some measure aromatical; together with the colour yielded by the eggs of the same	<i>Lifter</i> VI 2176	— 783
ARSENIC. Letter concerning cobalt, and the preparations of smalt and arsenic	<i>Kreig</i> XXIV 1754	V 420
ARTERIES. An account of some animals that, having lungs, are yet found to be without the arterious vein; together with some other curious particulars	<i>Swammerdam</i> VIII 6040	III 256
— Some probable thoughts of the whiteness of the chyle, and what it is after it is conveyed within the arteries	<i>Lifter</i> XIII 242	— 106
— An account of divers schemes of arteries and veins, dissected from adult human bodies by J. Evelyn. To which are subjoined a description of the extremities of those vessels, and the manner the blood is seen by the microscope to pass from the arteries to the veins in quadrupeds when living: with some surgical observations and figures after the life	<i>Cowper</i> XXIII 1177	V 134
— Of ossifications or petrefactions in the coats of arteries, particularly in the valves of the great artery	<i>Cowper</i> XXIV 1970	— 347
— A letter concerning the ossification of the crural artery	<i>Naisb</i> XXXI 226	VII 511
— Two newly-discovered arteries in women going to the Ovaria	<i>Ranby</i> XXXIV 159	— 541
— Extract of a letter concerning some remarkable experiments made upon the arteries of horses,		

	Transf.	Abridg.
with the powder of lycoperdon, or lupi-crepitus, by Monsieur La Fosse <i>Latterman</i>	XLIX 37	
ARTERIES OF LEAVES. See <i>Leaves</i> .		
ARTERIES. See particular ones in their places.		
ARTICULATING CARTILAGES. Account of the Structure and diseases of <i>William Hunter</i>	XLII 514	IX 267
ARTS. A letter concerning some observations on the Mechanic arts of the Indians <i>Papin</i>	XXVIII 225	V 2 182
ASBESTUS. An account of a sort of paper made of linum asbestinum, found in Wales <i>Lloyd</i>	XIV 823	II 529
— A letter concerning same incombustible cloth <i>Waite</i>	XV 1049	II 549, 550
— Another on the above <i>Plot</i>	— 1051	— —
— Letter concerning the asbestus, and manner of spinning, and making an incombustible cloth thereof <i>Ciampini</i>	XXII 911	IV 2 282
— An account of the lapis amianthus, asbestus or linum incombustibile, lately found in Scotland <i>Wilson</i>	— 1004	— — 283
— Part of a letter giving an account of the asbestus, or lapis amiantus, found in the Highlands of Scotland <i>Blair</i>	XXVII 434	— — 285
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BALL. Account of a ball extracted from a person who had suffered by it 30 years, in which was a plumb-stone - - - <i>Young</i>	XXIII 1279	V 261
— An extract of a letter concerning a ball voided by stool - - - <i>Thoresby</i>	XXIV 1595	— 281
— Account of a large ball voided by stool <i>Thoresby</i>	— 2164	— 365
— An account of balls of hair taken from the uterus and ovaria of several women <i>Young</i>	XXV 2387	
— An account of balls made at Liege <i>Hanbury</i>	XLI 672	IX 501
— Account of vegetable balls which grow in a lake near the Humber in Yorkshire; with remarks by W. Watson - - - <i>Dixon</i>	XLVII 498	
BALSAM. An observation and experiment concerning a mineral balsam found in a mine in Italy - - - <i>Castagna</i>	VI 3059	II 460
BARBADOES. Extract of a letter containing some observations made at Barbadoes <i>Lifter</i>	X 399	III 560
BARBARY. An account of the Moorish way of dressing their meat (with some remarks) in West Barbary, from Cape Spartel to Cape de Geer - - - <i>Jones</i>	XXI 248	— 626
BARK (MEDICINE). A letter concerning the jesuits bark - - - <i>Oliver</i>	XXIV 1596	IV 2 323
— Microscopical observations on the Cortex Peruvianus - - - <i>Leeuwenhoek</i>	XXV 2446	V 2 267
— An abstract of a book entitled, A short account of mortifications, and of the surprising effect of the bark, in putting a stop to its progress - - - <i>Douglas</i>	XXXVII 429	— 35
— Of the use of the Peruvian bark to a gangrene - - - <i>Shipton</i>	— 434	VII 647
— An account of the Peruvian, or jesuits bark, by Mr. John Gray; extracted from some papers given him by William Arrot, who had gathered it in Peru - - -	XL 81	VIII 776
— Extract of a letter concerning the bark preventing catching cold - - - <i>Salter</i>	XLIV 1	X 762



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— A letter concerning the use of the Peruvian bark in the small-pox - <i>Wilnot</i>	XLIV 583	XI 1035
— Of the use of the bark in the small-pox <i>Bayl</i>	XLVII 27	
— Case of the efficacy of bark in a mortification - <i>Grindall</i>	L 379	
— Case of the efficacy of the bark in the delirium of a fever - <i>Munkley</i>	— 609	
— An account of the success of the bark of the willow in the cure of agues - <i>Ston</i>	LIII 195	
— Experiments on the Peruvian bark <i>Lee</i>	LVI 95	
— Experiments on the Peruvian bark <i>Perciva</i>	LVII 221	
— Description of the jesuits bark-tree of Jamaica and the Caribbees - <i>Wright</i>	LXVII 504	
BARK OF TREES. Observations concerning the uniting of barks of trees cut, to the tree itself <i>Merret</i>	II 453	III 706
— A letter concerning the barks of trees <i>Leeuwenhoek</i>	XXIV 1843	V 2 267
— An account of insects in the barks of decaying elms and athes - <i>Dudley</i>	— 1859	— 13
— Description and use of the cabbage-bark tree of Jamaica - <i>Wright</i>	LXVII 507	
BARNACLES. A relation concerning barnacles <i>Moray</i>	XII 925	II 849
— Some observations on the Scotch barnacle - <i>Robinson</i>	XV 1036	— 850
— An account of several rare species of barnacles - <i>Romilly</i>	L 845	
BAROMETER (Construction of the). A new contrivance of a wheel-barometer much more easy to be prepared, than that which is described in the micrography - <i>Hook</i>	I 218	— 252
— An account of a new kind of baroscope, which may be called statical; and of some advantages and conveniences it hath above the mercurial - <i>Boyle</i>	— 231	— 28
— Observations on several passages in the two last months Transactions relating to baroscopes - <i>Anon.</i>	X 533	
— A description of an invention, whereby the divisions of the barometer may be enlarged in any given proportions - <i>Hook</i>	XVI 241	— 10
— An account of some experiments about the height of the Mercury in the barometer at the top and bottom of the monument; and also about portable barometers - <i>Derham</i>	XX 2	-10, 12, 14
— A letter about a contrivance to measure the height of the Mercury in the barometer, by a circle on one of the weather-plates, with		

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a register of the weather, &c. for 1697		
- - - - - <i>Derham</i>	XX 45	II 12
— A way of measuring the height of Mercury in the barometer more exactly - <i>Gray</i>	— 176	— —
— An account of Dr. R. Hook's invention of the marine barometer, with its description and uses - - - <i>Halley</i>	XXII 791	IV 2 4
— Part of a letter giving an account of a new baroscope invented by - - - <i>Caswell</i>	XXIV 1597	— 2 6
— A proposal for measuring heights of places, by help of the barometer of Mr. Patrick, in which the scale is greatly enlarged <i>Halley</i>	XXXI 116	VI 2 28
— A description of a new barometer <i>Fahrenheit</i>	XXXIII 179	— — —
— A description of a barometer, wherein the scale of variation may be encreased at pleasure - - - <i>Rowning</i>	XXXVIII 39	VIII 445
— The imperfections of the common barometers, and the improvement made in them by Charles Orme, of Ashby-de-la-Zouch, with some observations, remarks and rules for their use - - - <i>Beighton</i>	XL 248	— 455
— A description of a new thermometer and barometer - - - <i>Fitzgerald</i>	LII 146	
— An account of a new improvement of the portable barometer - - - <i>Spry</i>	LV 83	
— An account of some improvements made in a new wheel-barometer, invented by - - - <i>Fitzgerald</i>	LX 74	
BAROMETER (General observations on the). Observations continued upon the barometer, or rather balance of the air - - - <i>Boyle</i>	I 163	II 4
— Observations of the sealed weather-glass, and the barometer, both upon the phænomenon, and in general - - - <i>Wallis</i>	— 166	— 6
— Some observations and directions about the barometer - - - <i>Boyle</i>	— 181	— 5, 8
— Some observations concerning the baroscope and thermoscope - - - <i>Wallis and Beale</i>	IV 1113	— 5
— An attempt to render the cause of that odd phænomenon of the quicksilver's remaining suspended far above the usual height in the Torricellian experiment - - - <i>Hugens</i>	VII 5027	— 23
— Concerning the suspension of quicksilver well purged of air, much higher than the ordinary standard of the Torricellian experiment <i>Wallis</i>	— 5160	— 24
— A discourse concerning the rising and falling of the quicksilver in the barometer; and what		

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may be gathered from its great rise in frosty weather, as to a healthy or sickly season <i>Lifter</i>	XIV 790	II 18
— Letter concerning the Torricellian experiment, tried on the top of Snowdon Hill, and the success of it — — — <i>Halley</i>	XIX 582	— 13
— An experiment to shew the cause of the descent of the Mercury in the barometer in a storm — — — <i>Hauksbee</i>	XXIV 1629	IV 2 181
— Remarks on the second paper in the history of the Royal Academy of Sciences for 1711, concerning the cause of the variation of the barometer; to shew that the way of accounting for it in that paper is insufficient, and that the experiment made use of to prove what is there asserted, does no way prove it — — — <i>Desaguliers</i>	XXX 570	— - 10
— Observation of an extraordinary height of the barometer, Dec. 21, 1721 — — — <i>Graham</i>	XXXI 222	VI - 28
— The middle height of the barometer for a year — — — <i>Cruquius</i>	XXXIII 4	
— An experiment made in a silver mine at Sala, about the ascent of Mercury in the barometer — — — <i>Celsius</i>	— 313	— - 48
— Observations of the difference of the heights of barometers. (Lat.) — — — <i>Hollman</i>	XLII 116	VIII 452
— Letters concerning the cause of the ascent of vapour and exhalation, and those of winds; and of the general phaenomena of the weather and barometer — — — <i>Eeles</i>	XLIX 124	
BAROMETER (Observations on it at different places). Observations on the barometer at Jamaica <i>Beeston</i>	XIX 225	II 9
— Part of a letter accompanying his observations of the height of the Mercury in the barometer, rains, winds, &c. for the year 1698, at Upminster, in Essex — — — <i>Derham</i>	XXI 45	— 73, 102
— Some observations of the Mercury's altitude, with the changes of the weather at Emay in China — — — <i>Cunningham</i>	XXI 323	II 86
— A prospect of the weather, winds, and height of the Mercury in the barometer on the first day of the month, and of the whole rain in every month in 1703 and beginning of 1704, at Townley in Lancashire, by R. Townley, and at Upminster by W. Derham	XXIV 1877	
— Tables of the barometrical altitudes at Zurich in Switzerland, in the year 1708, by Scheuchzer; and at Upminster, in England, by Derham; and also the rain at Pisa, in Italy, in		



	Transf.	Abridg.
1707 and 1708, by Tilli; and at Zurich in 1708; and at Upminster in that time; with remarks on the same tables; as also on the winds, heats and colds, and divers other matters occurring in those three different parts of Europe - - - <i>Derham</i>	XXVI 342	
— Experiments for discovering the various elasticity of the air, in different parts of Switzerland - - - <i>Scheuchzerus</i>	XXIX 266	IV 2 16
— A meteorological, barometrical, thermometrical epidemical diary kept at Utrecht, 1729, 1730, and 1731 - - - <i>Van Muschenbroeck</i>	XXXVII 357, 406	VII 4 71, 86, 90
— On the correspondence of the barometer with the air and weather - - - <i>Holman</i>	XLVI 101	X 428
— An account of the barometer, and the state of the weather at Dublin, from Mar. 7, 1752, to Feb. 28, 1753 - - - <i>Simon</i>	XLVIII 320	
— Observations on the barometer, thermometer, and rain in 1767, at Plymouth - - - <i>Farr</i>	LVIII 136	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1772 - - - <i>Barker</i>	LXIII 221	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1773 - - - <i>Barker</i>	LXIV 202	
— Meteorological journal for 1774 at Bristol <i>Anon.</i>	LXV 194	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1774 - - - <i>Barker</i>	— 199	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1775 - - - <i>Barker</i>	LXVI 370	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1776 - - - <i>Barker</i>	LXVII 350	
— An abstract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1777 - - - <i>Barker</i>	LXVIII 554	
— Abstract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1778 - - - <i>Barker</i>	LXIX 547	
— Register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1779 - - - <i>Barker</i>	LXX 474	
<b>BAROMETER</b> (Applied to the measurement of heights). Observations concerning the height of the barometer, at different elevations above the surface of the earth. - - - <i>Nettleton</i>	XXXIII 308	VI 2 44

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— M. de Luc's rule for measuring heights by the barometer, reduced to the English measure of length, and adapted to Fahrenheit's thermometer, and other scales of heat, and reduced to a more convenient expression <i>Maskeelyne</i>	LXIV 158	
— M. de Luc's rules for measurement of heights by the barometer, compared with theory, and reduced to English measures of length, and adapted to Fahrenheit's scale of the thermometer; with tables and precepts for expediting the practical application of them <i>Horsley</i>	— 214	
— Observations on the depth of the mines in the Hartz - - <i>De Luc</i>	LXVII 401	
— Observations made in Savoy, in order to ascertain the height of mountains by means of the barometer being an examination of Mr. De Luc's rules, delivered in his "Recherches sur les Modifications de l'Atmosphere" <i>Shuckburgh</i>	— 513	
— Experiments and observations made in Britain in order to obtain a rule for measuring heights with the barometer - <i>Roy</i>	— 653	
— Comparison between Sir George Shuckburgh and colonel Roy's rules, for the measurement of heights with the barometer <i>Shuckburgh</i>	LXVIII 681	
— A second paper concerning some barometrical measures in the mines of the Hartz <i>De Luc</i>	LXIX 485	
BARRENNESS. An abstract of a letter giving an instance of the bath curing the palsy and barrenness - - <i>Peirce</i>	XV 944	II 399
BARROWS. An attempt to examine the barrows in Cornwall - - <i>Williams</i>	XLI 465	IX 445
BASALT HILLS. A letter containing a short account of some Basalt Hills in Hessia <i>Raspe</i>	LXI 580	
— An account of two giants causeways, or groups of prismatic basaltine columns, and other curious volcanic concretions, in the Venetian state in Italy, with some remarks on the characters of these and other similar bodies, and of the physical geography of the countries in which they are found - <i>Strange</i>	LXV 5	
BATH. An accurate account of a tessellated pavement bath, and other Roman antiquities, lately discovered at East Bourne, in Suffex <i>Tabor</i>	XXX 549	V 2 63
— See <i>Antiquities, Inscriptions.</i>		
BATHS (Aponensian). An account of the Aponensian baths near Padua - <i>Dodington</i>	VII 4067	II 344

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BATHS (Of Bath). Observations concerning the Bath springs - - - <i>Glanville</i>	IV 977	II 336
— An abstract of a letter giving an instance of the bath in curing the palsy and barrenness - - - <i>Pearce</i>	XV 944	— 339
— — Some observations on the heat of the water at Bath - - - <i>Howard</i>	LVII 201	
— Other observations on Bath waters - <i>Canton</i>	— 203	
— (Of Carlsbad). Part of a letter concerning the baths at Carlsbad - - - <i>Mounsey</i>	XLVI 217	X 569
— (Of Germany, &c.). Directions and enquiries, with their answers, concerning the mines, minerals, baths, &c. of Hungary, Transylvania, Austria, and other countries neighbouring to those - - - <i>Oldenburgh and Brown</i>	V 1189	III 631
- - - - - <i>Brown</i>	— 1044	II 339 III 605
— (Of Jamaica). Observations of a hot-bath in the island of Jamaica - - - <i>Peefton</i>	XIX 225	II 344
— (Of Vinadio). An account of the hot-baths of Vinadio, in the province of Coni, in Piedmont - - - <i>Bruni</i>	LI 839	
BAY TREE. The figure and characters of that elegant American evergreen, called by the gardeners Lobloolly Bay, taken from blossoms blown near London - - - <i>Ellis</i>	LX 518	
BAYLES (JOHN). An account of the death and dissection of John Bayles, of Northampton, reputed to have been 130 years old - <i>Keil</i>	XXV 2247	V 351
BEANS. An account of four sorts of strange beans frequently cast on shore on the Orkney Islands, with some conjectures about the way of their being brought thither from Jamaica, where three sorts of them grow - - - <i>Sloane</i>	XIX 298	III 540
BEASTS. A dissertation on the bones and teeth of elephants, and other beasts found in America, and other northern regions, by which it appears they are the bones of indigenous beasts - <i>Rafpe</i>	LIX 126	
BEATIFICATION. Letter declaring that Dr. Watson, as well as many others, have not been able to make odours pass through glass by means of electricity; and giving a particular account of professor Bon; his experiment of beatification, or causing a glory to appear round a man's head by electricity - - - <i>W. Watson</i>	XLVI 348	X 410
BEAUCASTLE. See <i>Inscription</i> .		



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BEAVER.	The anatomy of a female beaver, and an account of castor found in her	<i>Mortimer</i> XXXVIII 172	IX 78
BEECH TREE.	Account of letters found in the middle of a beech tree	<i>Klein</i> XLI 231	VIII 845
BEES.	Some communications about an early swarm of bees	<i>Reeve</i> VI 2128	
—	Some considerations on an apiary, or discipline of bees	<i>Beal</i> — 2144	
—	An account of the hatching of a kind of bee lodged in old willows	<i>Willughby</i> — 2221	II 174
—	A description of a bee-house, useful for preventing the swarming of bees, used in Scotland	<i>Anon.</i> VIII 6097	
—	Account of bees breeding in cases made of leaves	<i>Lifter</i> XIV 592	
—	An account of a strange sort of bees in the West Indies	<i>M. I.</i> XV 1030	— 775
—	Extract of a letter concerning the proboscis of bees	<i>Garden</i> — 1148	
—	Letter concerning the late Swammerdam's treatise De Apibus	<i>Holton</i> XXI 365	
—	An account of a method lately found out in New England, for discovering where the bees hive in the woods, in order to get their honey	<i>Dudley</i> XXXI 148	VII 403
—	Of the bases of the cells wherein the bees deposit their honey	<i>Maclaurin</i> XLII 365	IX 2
—	Letter concerning bees, and their method of gathering wax and honey	<i>Dobbs</i> XLVI 536	XI 841
—	An account of a specimen of the labour of a kind of bees, which lay up their young in cases of leaves, which they bury in rotten wood	<i>Styles</i> LI 844	
—	Discoveries on the sex of bees, explaining the manner in which their species is propagated; with an account of the utility that may be derived from those discoveries by the actual application of them to practice	<i>Debraw</i> LXVII 15	
—	A letter on Mr. Debraw's improvements in the culture of bees	<i>Polhill</i> LXVIII 107	
BEETLE.	Curious experiments and observations on a beetle that lived three years without food		
—	An account of a Capricorn beetle found alive in a cavity, within a sound piece of wood	<i>Baker</i> XLI 441	IX 8
—	—	<i>Mortimer</i> — 861	— II

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<b>BELEMNITES.</b> A dissertation on those fossil-figured stones called belemnites <i>Mendez da Costa</i>	XLIV 397	X 628
— A letter containing considerations on two extraordinary belemnites <i>David Erskin Baker</i>	XLV 598	— 639
— A dissertation on the belemnites <i>Brander</i>	XLVIII 803	
— An attempt to account for the origin and formation of the extraneous fossil commonly called the belemnite <i>Platt</i>	LIV 38	
<b>BELL.</b> The art of living under water; or, a discourse concerning the means of furnishing air at the bottom of the sea, in any ordinary depth <i>Halley</i>	XXIX 492	IV 2 188
— A letter concerning an improvement of the diving-bell <i>Triewald</i>	XXXIX 377	VIII 634
<b>BELLA DONNA.</b> A brief botanical and medical history of the solanum lethale, bella-donna, or deadly nightshade <i>W. Watson</i>	L 62	
<b>BELLOWS.</b> An experiment of preserving animals alive by blowing through their lungs with bellows <i>Hook</i>	II 539	III 66
— Letter concerning an improvement of the Hessian bellows <i>Papin</i>	XXIV 1990	IV 447
— A calculation of the velocity of the air moved by a new-invented centrifugal bellows of 7 feet in diameter, and 1 foot thick within, which a man can keep in motion with very little labour, at the rate of two revolutions in one second <i>Defaguliers</i>	XXXIX 44	VIII 271
The uses of the foregoing machine <i>—</i>	— 47	— 23
— A description of a new invention of bellows called water-bellows <i>Triewald</i>	XL 231	— 272
<b>BELLUGA STONE.</b> Some observations on the Belluga stone <i>Collinson</i>	XLIV 451	XI 266
<b>BELLY.</b> Relation of a child that remained 26 years in the mother's belly <i>Bayle</i>	XII 979	III 127
— An account of a foetus lying without the uterus in the belly <i>Savard</i>	XIX 314	— 214
— The history of a tumor in the lower part of the belly <i>Giles</i>	— 420	
— A case concerning a child born with the bowels hanging out of its belly <i>Amyand</i>	XXXVII 258	VII 516
<b>BELT.</b> See <i>Jupiter</i> and <i>Saturn</i> .		
<b>BENGAL.</b> An account of the heat of the climate at Bengal <i>Martin</i>	LVII 217	
— Two letters of a voyage to Bengal, with observations made there <i>Rose</i>	LX 444	

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BERMUDAS. Inquiries for Virginia and the Bermu- das - - - <i>Royal Society</i>	II 420	III 631
— An account of the course of the tides at Ber- mudas; of wells, both salt and sweet, digged near the sea; and of the whale-fishing there practised anew, and of such whales as have the spermaceti in them - - - <i>Norwood</i>	— 565	II 268, 298, 844
— Letter concerning the tides at the Bermudas; as also whales, spermaceti, strange spider's webbs, and the longevity of the inhabitants - - - <i>Stafford</i>	III 792	- 268, 845 III 561
BERNOULLI. A solution of two mathematical pro- blems proposed by John Bernoulli <i>Anon.</i>	XIX 384	I 33, 463
— A solution of the problem proposed in the French Diary by J. Bernoulli - - - <i>Craig</i>	XXIV 1527	IV 35
— Apology against J. Bernoulli's objections <i>Taylor</i>	XXX 955	V 244
BERRIES. An account of a new die from the berries of a weed in South Carolina <i>Lindo</i>	LIII 238	
BEZOAR. A letter concerning the Pietra de Mom- bazza, or the rhinoceros Bezoar <i>Sloane</i>	XLVI 118	XI 910
BIANCHINI. The phenomena of Venus represented in an orrery made by Mr. James Ferguson, agreeable to the observations of Signior Bian- chini - - -	XLIV 127	X 95
BILE. Anatomical observations of an abscess in the liver; a great number of stones in the gall- bag and bilious vessels; an unusual conforma- tion of the emulgents and pelvis; a strange conjunction of both kidneys, and a great dila- tation of the Vena Cava <i>Tyson</i>	XII 1035	III 81
— Extract of a letter concerning an experiment made with the bile of persons dead of the plague - - - <i>Deidier</i>	XXXII 105	VII 600
— An essay upon the use of the bile in the animal œconomy, founded on an observation of a wound in the gall-bladder - - - <i>Stuart</i>	XXXVI 341	— 572
— Explanation of an essay on the use of the bile in the animal œconomy - - - <i>Stuart</i>	XXXVIII 5	IX 195
— Of an obstruction of the biliary ducts, and an impostumation of the gall-bladder, discharging upwards of 18 quarts of bilious matter in 25 days, without any apparent defect in the ani- mal functions - - - <i>Amyand</i>	XL 317	VIII 503
— Observations on the case of Mr. Le Grange - - - <i>Stuart</i>	— 325	IX 146
BILLS OF MORTALITY. See <i>Annuity, Mortality, and Population.</i>		



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BIQUADRATIC. Cubic and biquadratic equations constructed by one single parabola and a circle		
— Universal solution of quadratic and biquadratic equations, viz. analytical, geometrical, and mechanical	<i>Hally</i> XVI 335	
BIRCH. Ways of ordering birch-water	<i>Cosson</i> XXV 2353	IV 66
BIRDS. A way of preserving birds taken out of the egg, and other small foetus's	<i>Tonge</i> V 2070	II 684
— Observations on several passages in the two last months Transactions relating to the history of birds	<i>Boyle</i> I 199	III 650
— Letter to Mr. Ray, concerning some particulars that might be added to the ornithology	<i>Anon.</i> X 533	
— Anatomical observations made on the heads of fowl at several times	<i>Lifter</i> XV 1159	II 849, 853
— Observations on the birds of the Philippine islands	<i>Mouten</i> XVII 711	— 860
— Part of a letter concerning the migration of birds	<i>Camelli</i> XXIII 1394	V 183
— A letter containing several observations in the natural history of birds, made in travels through Wales	<i>Derham</i> XXVI 123	— 33
—	<i>Lhwyd</i> XXVII 462	— 34
—	<i>Lhwyd</i> — 466	—
—	<i>Lhwyd</i> — 467	V 2 118
— An account of birds of passage	<i>Catesby</i> XLIV 435	XI 886
— Divers means for preserving from corruption dead birds, intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means may be employed for preserving quadrupeds, reptiles, fishes, and insects	<i>Reaumur</i> XLV 309	— 891
— An account of a bird supposed to have been bred between a turkey and a pheasant	<i>Edwards</i> LI 833	
— An account of the different species of the birds called pinguins	<i>Pennant</i> LVIII 91	
— An account of the lymphatic system in birds	<i>Hewson</i> — 217	
— Method of preparing birds for preservation	<i>Davies</i> LX 184	
— Four letters on the preservation of dead birds	<i>Kuckahn</i> — 302	
— A description of a bird from the East Indies	<i>Edwards</i> LXI 55	
— A letter containing a technical description of an uncommon bird from Malacca	<i>Badenach</i> LXII 1	

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— An essay on the periodical appearing and disappearing of certain birds, at different times of the year - - - <i>Barrington</i>	— 265	
— An account of birds sent from Hudfon's Bay; with observations relative to their natural history; and Latin descriptions of some of the most uncommon - - - <i>Forster</i>	— 382	
— Experiments and observations on the singing of birds - - - <i>Barrington</i>	LXIII 249	
— An account of certain receptacles of air in birds, which communicate with the lungs, and are lodged both among the fleshy parts and in the hollow bones of those animals <i>John Hunter</i> See particular birds in their places.	LXIV 205	
BIRTH. An account of an extraordinary birth in Staffordshire - - - <i>Birch</i>	XIII 281	III 221
- - - - - <i>Tyson</i>	— —	— —
— Some observations on the motion of diseases, and on the births and deaths of men and other animals, in different times of the <i>Νοχθήμερον</i> <i>Paschall</i>	XVII 815	— 311
— An argument for Divine Providence; taken from the constant regularity observed in the births of both sexes - - - <i>Arbuthnot</i>	XXVII 186	V 2 240
— An account of an extraordinary acephalous birth - - - <i>Cooper</i>	LXV 311	
— See <i>Child, Monster</i> .		
BITCH. An account of the dissection of a bitch, whose cornua uteri, being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen - - - <i>Anon.</i>	XIII 183	II 904
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— — A dissertation on the nature of evaporation, and several phænomena of air, water, and boiling liquors - <i>Hamilton</i>	LV 146	
— — The supposed effect of boiling upon water, in disposing it to freeze more readily, ascertained by experiment - <i>Black</i>	LXV 124	
— — On the variation of the temperature of boiling water - <i>Shuckburgh</i>	LXIX 362	
BOLOGNA BOTTLES. An account of the Bologna bottles - <i>Bruni</i>	XLIII 272	XI 1343
BOLOGNIAN STONE. A relation of the loss of the way to prepare the Bolognian stone for shining - <i>Anon.</i>	I 375	III 346
— — An account of a facitious stony matter or paste, shining in the dark like a glowing coal, after it hath been a little while exposed to the day or candle-light - <i>Baldwin</i>	XI 788	
— — An improvement of the Bolognian stone - <i>Malpighi</i>	XII 842	XI 1059
— — An easy method of making a phosphorous, that will imbibe and emit light like the Bolognian stone; with experiments and observations - <i>Canton</i>	LVIII 337	
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BOLOGNINI. A short history of the disease of which Joseph Bolognini died <i>De Camillis</i>	XLIII 40	— —
BONES. Microscopical observations concerning bones - <i>Leewenhock</i>	IX 121	III 683

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— Microscopical observations of the structure of teeth and other bones - <i>Leewenboek</i>	XII 1002	III 684
— Part of two letters concerning a prodigious Os Frontis in the Medicine School at Leyden - <i>Molyneux</i>	XV 880	— 2
— An extract of a letter containing several observations on the texture of the bones of animals compared with that of wood <i>Leewenboek</i>	XVII 838	II 685
— Osteographia Elephantina; or a full and exact description of all the bones of an elephant, with their several dimensions: to which are premised, an historical account of the natural endowments and several wonderful performances of elephants, with the manner of taking and taming them. An anatomical account of their parts, &c. - <i>Blair</i>	XXVII 53	V 82
— - - - - <i>Blair</i>	— 117	
— Observations upon the bones and the periosteum - <i>Leewenboek</i>	XXXI 91	VII 672
— An account of a præter-natural bony substance found in the cavity of the thorax <i>Rutty</i>	XXXIV 152	— 505
— An account of a large bony substance found in the womb, 1733 - <i>Hody</i>	XXXIX 189	IX 191
— An account of the bones of animals being changed to a red colour by aliment only <i>Belchier</i>	— 287	— 102
— A further account of the bones of animals being made red by aliment only <i>Belchier</i>	— 299	— 105
— A picture of the size of a gigantic bone; with a problem for determining the size of the giant according to the rules of the art of drawing - <i>Klein</i>	XLI 308	XI 311
— Observations and experiments with madder root, which has the faculty of tinging the bones of living animals of a red colour - <i>Du-Monceau</i>	— 390	IX 103
— — An account of tumours which rendered the bones soft - <i>Pott</i>	— 616	XI 247
— An account of a large piece of the thigh-bone, which was taken out and its place supplied by a callus - <i>Richardson</i>	— 761	
— An account of an extraordinary case of the bones of a woman growing soft and flexible - <i>Bevan</i>	XLII 488	[ X 251
— The case of a young child at Houghton, in Huntingdonshire, born with all its bones displaced - <i>Davis</i>	XLIV 539	XI 1110



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— Case of Anne-Elizabeth Queriot of Paris, whose bones were distorted and softened <i>Hoffy</i>	XLVIII 26	
— A remarkable case of fragility, flexibility, and dissolution of the bones - <i>Pringle</i>	— 297	
— Case of William Carey, aged 19, whose tendons and muscles were turned into bones <i>Henry</i>	LI 89	
Further account - <i>Henry</i>	— 92	
— An account of a bone found in the pelvis of a man at Brussels - <i>Brady</i>	— 660	
— A further account of the case of William Carey, whose muscles began to be ossified, <i>Henry</i>	LII 143	
— A account of the extraction of three inches and ten lines of the bone of the upper arm, which was followed by a regeneration of the bony matter; with a description of a machine made use of to keep the upper and lower pieces of the bone at their proper distances, during the time that the regeneration was taking place; and which may also be of service in fractures happening near the head of that bone <i>Le Cat</i>	LVI 370	
BONES (Fossil). Chartham news: or a brief relation of some strange bones lately digged up in some grounds of Mr. John Somner's in Canterbury - <i>Wallis</i>	XXII 882	IV 2 222
Second letter relating to Mr. Somner's treatise of Chartham News - <i>Wallis</i>	— 1022	
— Account of some large bones lately found in a gravel-pit near Colchester <i>Luffkin</i>	— 924	IV 2 1
— The dimensions of some human bones of an extraordinary size, which were dug up near St. Alban's, in Hertfordshire <i>Cbeselden</i>	XXVII 436	V 2 267
— An account of elephants teeth and bones found under ground - <i>Sloane</i>	XXXV 457	VI 2 205
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— An account of several bones of an elephant found at Leydown, in the isle of Shepey - <i>Jacob</i>	XLVIII 626	
— Observations on the bones, commonly supposed to be elephants bones, which have been found near the river Ohio in America <i>William Hunter</i>	LVIII 34	
— Account of some bones found in the rock of Gibraltar; with remarks by Dr. Hunter - <i>Boddington</i>	LX 414	
BONES (Incrusted). An account of some human bones incrusted, with stone, now in the Villa Ludovisia at Rome - <i>Folkes</i>	XLIII 557	X 598
BONES (Of foetus). Account of the bones of a foetus		voided

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voided by anum some years after conception - - - - - <i>Mosley</i>	XIX 486	
— Account of a woman who voided the bones of a fœtus above the os-pubis, and by other extra- ordinary ways <i>Philosophic Society at Oxford</i>	XX 292	III 219
— Bones of a human fœtus voided through an im- posthume in the groin - <i>Skippon</i>	XXIV 2077	V 306
— Bones of a dead fœtus taken out of the uterus of a ców - - - <i>Sherman</i>	XXVI 450	— 54
— Case of the bones of a fœtus coming away by the anus - - - <i>Winthrop</i>	XLIII 304	XI 1015
- - - - - <i>Simon</i>	— 524	
— Letter concerning the bones of a fœtus being discharged through an ulcer near the navel - - - - - <i>Drake</i>	XLV 121	IX 1019
— Case of a woman from whom the bones of a fœtus were extracted - <i>Debenham</i>	XLVII 92	
BOOKS. Copy of a letter concerning the books and antient writings dug out of the ruins of an edi- fice near the site of the old city of Herculan- um to Monsignor Cerati of Pifa; with a trans- lation by - <i>Locke</i>	XLIX 112	
BORAMETZ. A short account of the Scythian vege- table Lamb, called borametz <i>Breynius</i>	XXXIII 353	VI 2-317
BOSE. See <i>Electricity</i> .		
BOTANY. Account of the physic garden at Amster- dam - - - <i>Ellis</i>	XXIII 1416	V 2 II, 134
— A letter attempting to ascertain the tree that yields the common varnish used in China and Japan; to promote its propagation in our American colonies, and to set right some mis- takes which botanists appear to have enter- tained concerning it - <i>Ellis</i>	XLIX 866	
— A brief botanical and medical history of the solanum lethale, bella-donna, or deadly night- shade - - - <i>W. Watson</i>	L 62	
— A letter upon the early cultivation of botany in England; and some particulars about John Tradescant, a great promoter of that science, as well as natural history, in the last century, and gardener to king Charles I. <i>Ducard</i>	LXIII 79	
BOTTLE. An extract of a letter given an account of an experiment made in the Bay of Biscay of sinking a bottle, close corked, under various depths of water - <i>Oliver</i>	XVII 908	I 521
BOVEY COAL. Remarks on the Bovey coal <i>Miller</i>	L1 534	

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— A farther account of some experiments made on the Bovey coal	LI 941	
BOVILLUS. See <i>Cycloid</i> .		
BOULIMIA. Letter concerning a boulimia <i>Burrough</i>	XXII 598	III 111
— An account of the surprizing quantities of food devoured by a boy 12 years old in six successive days <i>Mortimer</i>	XLIII 366	XI 1066
— Another account <i>Cookson</i>	— 380	— 1086
BOW (MARINER'S). An account of Mr. Thomas Godfrey's improvement of Davis's quadrant transferred to the mariner's bow <i>Logan</i>	XXXVIII 441	VIII 366
BOWELS. An observation made of a man anatomised, whose bowels were found inverted <i>Sampson</i>	IX 146	III 111
— A case concerning a child born with the bowels hanging out of its belly <i>Amyand</i>	XXXVII 258	VII 516
— See <i>Monstrous Birth</i> .		
BOX. Account of the number of pores on the leaves of box <i>Leeuwenhoek</i>	XXXI 231	VI 2 327
BOY. An account of a negro-boy that is dappled in several parts of his body with white spots <i>Byrd</i>	XIX 781	II 8
— An account of the Friesland boy with letters in his eye <i>Ellis</i>	XXIII 1416	
— Account of a monstrous boy <i>Cantwell</i>	XLI 137	IX 314
— Some account of the gigantic boy at Willingham, near Cambridge <i>Anon.</i>	XLIII 249	XI 1205
— Another account <i>Almond and Dawkes</i>	— 251	
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BRADLEY. An account of the case of the late Rev. Mr. James Bradley <i>Lysons</i>	LII 635	
BRAHE. Letter concerning the remains of the observatory of the famous Tycho Brahe <i>Gourdon</i>	XXII 691	I 216
BRAIN. Some discoveries concerning the brain <i>Malpighi</i>	II 491	III 23
— Microscopical observations concerning blood, milk, bones, the brain, spittle, and cuticula, &c. <i>Leeuwenhoek</i>	IX 121	— 683
— Observations of the cortical and medular part of the brain <i>Leeuwenhoek</i>	XII 899	— 684
— An abstract of a letter concerning the parts of the brain of several animals <i>Leeuwenhoek</i>	XV 883	— —
— A relation of a petrified glandula pinealis, lately found in the dissection of a brain <i>King</i>	XVI 228	— 157
— An account of a child born alive without a brain, and the observables in it on dissection <i>Preslon</i>	XIX 457	— 24
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— An observation of an infant, where the brain was depressed into the hollow of the vertebra of the neck - - - <i>Tyson</i>	XIX 533	III 26
— An observation of one hemisphere of the brain sphacelated, and of a stone found in the substance of the brain itself - - - <i>Tyson</i>	— 535	— 27
— An anatomical account of a child's head, born without a brain, 1698 - - - <i>Buffiere</i>	XXI 141	— 26
— Observations of remarkable appearances in the brain of three persons who died of epilepsies - - - <i>Rhætus</i>	XXXV 315	VII 486
— History of a foetus born with a very imperfect brain; to which is subjoined a supplement of the essay on the use of ganglions <i>Johnston</i>	LVII 118	
— See <i>Dura Mater</i> .		
BRAMHAM MOOR. See <i>Antiquities</i> .		
BRAMINES. An account of the religion, rites, notions, customs, manners of the heathen priests, commonly called bramines <i>Marshall</i>	XXII 729	V 2 165
— An account of the Bramins observatory at Benares - - - <i>Barker</i>	LXVII 598	
BRANDY. Dissertation on a false but common method of trying French spirit of wine <i>Neuman</i>	XXXIII 398	VII 739
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BRASS. The method, manner, and order of the transmutation of copper into brass <i>Povey</i>	XVII 735	II 565
— Letters concerning several copper-mines, in answer to some queries of Dr. Lister <i>Davies</i>	— 737	— 563
— A further account - - - <i>Davies</i>	— 741	— —
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— An historico-physical observation on the brass waters of Neofolis, commonly called Cement-Watzer, changing iron to brass <i>Belius</i>	XL 351	VIII 645
— Extract of a letter on giving magnetism and polarity to brass - - - <i>Arderon</i>	L 774	
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BRASS WIRE. Case of a young man who had lost the use of his hands by cleansing brass-wire <i>More</i>	LI 936	
BREAD. An abstract of a letter concerning the making of turnep-bread in Essex <i>Dale</i>	XVII 971	II 667
BREAD FRUIT. Account of the bread-fruit trees, and the fruits of them <i>Thunberg</i>	LXIX 462	
BREASTS (Animal). An account of two young turkies joined together by their breasts <i>Floyer</i>	XXI 434	— 898

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BREASTS (Human). An account of a very sudden and excessive swelling of a woman's breasts - - - <i>Durston</i>	IV 1047	III 78
— A letter concerning the death of the big-breasted woman, together with what was observed on her body - <i>Durston</i>	— 1068	— 79
— Letter giving an account why the big-breasted woman was not opened after her death <i>Durston</i>	— 1077	— 80
— Case of one who swallowed a knife, which lay in his stomach a year and 7 months, and then washed out at an apothem on his breast <i>Sloane</i>	XIX 180	— 91
— Account of a child born with a large wound in the breast, supposed to arise from the force of imagination - <i>Cyprianus</i>	— 291	— 222
— The case of Mary Howell, who had a needle run into her arm, which came out at her breast - - - <i>Anon.</i>	XLI 767	IX 238
BREATHING. Letter concerning the cause of the necessity of breathing - <i>Musgrave</i>	XX 173	III 67
BREEDING. Part of a letter concerning a child born with the jaundice upon it, received from its father; and of the mother taking the same distemper from her husband the next time of being with child - <i>Cooke</i>	XLVI 205	XI 1063
BRESLAW. An estimate of the degrees of the mortality of mankind, drawn from curious tables of the births and funerals at the city of Breslaw, with an attempt to ascertain the price of annuities upon lives - <i>Halley</i>	XVII 596	III 669
BREWING. See <i>Sap.</i>		
BRIDEKIRK. See <i>Inscription.</i>		
BRIDEWELL AT NORWICH. Extract of a letter concerning the antient bridewell at Norwich - - - <i>Baker</i>	XLIII 520	— 1304
BRIDGE. Letter concerning the bridge of St. Esprit in France - - - <i>Robinson</i>	XIV 584	I 293
— A further account, with a parallel history of some other bridges at Rome <i>Robinson</i>	— 712	— 593
— Description of a bridge that may be built 70 feet long, without any pillar under it <i>Anon.</i>	— 714	— 594
— Problems concerning the fall of water under bridges; applied to the falls under London and Westminster bridges - <i>Robertson</i>	L 492	
BRIDGNORTH. An extract of a topographical account of Bridgnorth, in the county of Salop - - - <i>Starkhouse</i>	XLII 127	VIII 347
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BRIGHT. Letter concerning Mr. Bright, the extraordinary fat man at Malden, in Essex <i>Anon.</i>	XLVII 188	
BRIMSTONE. Of the mineral of Liege, yielding both brimstone and vitriol, and the way of extracting them out of it, used at Liege <i>Anon.</i>	I 45	II 530
— A continuation of the discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with, a metal; and then making out, that allum is likewise the result of the said sulphur; as also evincing, that vitriol, sulphur, and allum, do agree in the saline principles; and, lastly, declaring the nature of the salt in brimstone, and whence it is derived <i>Anon.</i>	IX 66	— 544
— Extraet of two letters concerning the effects of a cane of black sealing-wax and a cane of brimstone in electrical experiment <i>Miles</i>	XLIV 27	X 317
— Observations made on the brimstone-hill in the island of Guadeloupe <i>Peyssonel</i>	XLIX 564	
BRISTLE. An account of a bristle that was lodged in a gentleman's foot, and caused a violent inflammation <i>Ardern</i>	XLIV 192	XI 1114
BRISTOL WATER. Observations on the heat of Bristol waters <i>Canton</i>	LVII 203	
BRITAIN. A discourse tending to prove at what time and place Julius Cæsar made his first descent upon Britain <i>Halley</i>	XVII 495	III 412
— A dissertation on Britain being formerly a peninsula <i>Musgrave</i>	XXX 589	IV 469
BRONCHOTOME. The postscript of a letter giving an account of the operation of bronchotome <i>Græme</i>	XXXVI 448	VII 496
BRONTIÆ. An account of certain transparent pebbles, mostly of the shape of the ombriæ, or brontiæ <i>Lister</i>	XVII 778	II 467
BRONZE. An attempt to explain an antient Greek inscription, engraven upon a curious bronze cup with two handles, and published with a draught of the cup by Dr. Pocock in his description of the East, vol. II. part II. pag. 207 <i>Ward</i>	XLVI 488	XI 1278
BROUGHTON. Letter concerning Broughton in Lincolnshire, with observations on the shell-fish observed in the quarries about that place <i>De La Pryme</i>	XXII 677	II 428 III 429
BROWNÆE. A description of a rare American plant of the brownæe kind; with some remarks on this genus <i>Bergius</i>	LXIII 173	



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<b>BRUTES.</b> Divers instances of peculiarities of nature, both in men and brutes <i>Fairfax</i>	II 549	III 191, 287
— Observations of luminous emanations from human bodies and from brutes, with some remarks on electricity <i>Miles</i>	XLIII 441	X 278
<b>BUBONOCELE.</b> Of a bubonocèle, or rupture in the groin, and the operation made upon it <i>Amyand</i>	XL 361	IX 161
<b>BUCKS-HORN PLANTAIN.</b> Letter concerning the virtues of the star of the earth, coronopus, or bucks-horn plantain, in the cure of the bite of a mad dog <i>Steward</i>	— 449	VIII 83
<b>BUENOS AYRES.</b> The longitude of Buenos Ayres determined from an observation made by <i>Pere Feuillee</i>	XXXII 2	
<b>BUFFON.</b> A view of the relation between Dr. Halley's tables and the notions of Mr. de Buffon, for establishing a rule for the probable duration of the life of man <i>Kersseboom</i>	XLVIII 239	
<b>BUILDING.</b> Directions for inquiries concerning stones and other materials for the use of building; together with a suggestion for retrieving the art of hardening and tempering steel for cutting porphyry and other hard marbles <i>Oldenburg</i>	VIII 6010	I 588 III 419
— An account of the advantage of Virginia for building ships	— 6015	II 566
— Description of a most effectual method of securing buildings against fire <i>Lord Mahon</i>	LXVIII 884	
<b>BULBOUS ROOTS.</b> A letter giving an account of tulips, and such bulbous plants, flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground <i>Triewald</i>	XXXVII 79	VI 2 54
— An account of the same experiments tried the next year by <i>Miller</i>	— 81	— 355
— Experiments and observations on bulbous roots, plants, and seeds growing in water <i>Curtis</i>	XXXVIII 267	VIII 525
<b>BULK.</b> Specific gravity of several metalline cubes, in comparison with their like bulks of water <i>Hauksbee</i>	XXVII 511	IV 2 182
— An account of an experiment to shew by a new proof, that bodies of the same bulk do not contain equal quantities of matter, and therefore that there is an interspersed vacuum <i>Desaguliers</i>	XXXI 81	VI 2 157

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BULLET. Account of a bullet voided by urine <i>Fairfax</i>	III 803	III 160
— A brief narrative of the shot of Dr. Robert Fielding with a musket-bullet, and its strange manner of coming out of his head, where it had lain near 30 years; written by himself <i>Fielding</i>	XXVI 317	V 205
— An account of a wound which the late lord Carpenter received at Brihuega, whereby a bullet remained near his gullet for a year wanting a few days <i>Carpenter</i>	XL 316	
BULLOCK. An account of a very extraordinary effect of lightening on a bullock at Swanborow, in the parish of Iford, near Lewes in Suffex <i>Lambert and Green</i>	LXVI 493	
BUOYANCY. A course of experiments to ascertain the specific buoyancy of Cork in different waters: the respective weights and buoyancies of salt water and fresh water; and for determining the exact weight of human and other bodies in fluids <i>Wilkinson</i>	LV 95	
BURDETT. See <i>Serpent</i> .		
BURNING. An account of the burning of several hay-ricks by a fiery exhalation or damp: and of the infectious quality of the grafs of several grounds <i>Floya</i>	XVIII 49	II 181
— An account of a woman accidentally burnt to death at Coventry <i>Wilmer</i>	LXIV 340	
BURNING FOUNTAINS. An extract of an essay entitled, On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, the nature of burning fountains, and of those poisonous lakes which the antients called Avernî <i>Brownrigg</i>	LV 236	
BURNING GLASSES. An account of a not ordinary burning concave lately made at Lyons, and compared with several others made formerly <i>Vilette</i>	I 95	I 211.
— An account of the invention of grinding optick and burning glasses of a figure not spherical <i>Smetbwick</i>	III 631	— 194
— An account of the making an extraordinary burning glass at Milan <i>Anon.</i>	— 795	— —
— An account from Paris concerning a great		

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metalline burning concave, and some of the most considerable effects of it <i>Anon.</i>	IV 986	I 242
Two observations made by F. Lana concerning some of the effects of the burning concave made at Lions <i>- Lana</i>	VI 3060	III 325
A relation of the great effects of a new sort of burning speculum lately made in Germany <i>- Alia Eruditorum and Hook</i>	XVI 352	I 213
Experiments upon metals, made with the burning glass of the duke of Orleans <i>Geoffroy</i>	XXVI 374	IV 190
An account of some experiments tried with Mons. Vilette's burning concave in June 1718 <i>- Harris and Desaguliers</i>	XXX 976	— 198
Part of a letter giving an account of a new mirror, which burns at 66 feet distance; invented by M. de Buffon <i>- Needham</i>	XLIV 493	X 194
Concerning the same mirror burning at 150 feet distance <i>- Nicolini</i>	— 495	— 195
Extract of a letter concerning M. de Buffon's re-invention of Archimedes's burning specula <i>Buffon</i>	XLV 504	— 195
Observations upon father Kircher's opinion concerning the burning of the fleet of Marcellus by Archimedes <i>Parsons</i>	XLVIII 626	
A short narrative of the structure and effect of parabolic burning glasses made by M. Hoefen of Dresden; and an account of experiments made with them on the fusion of different substances <i>- Wolfe</i>	LIX 4	
BURNING MOUNTAIN. An account of the upper part of the burning mountain in the isle of Ternata, according to the view taken thereof <i>Witzen</i>	XIX 42	II 392
A further relation of the horrible burning of some mountains of the Molucco islands <i>- Witzen</i>	— 529	— 394
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BURNING ROCK. Extract of a letter from Calcutta concerning a burning rock and a burning well <i>- Wood</i>	LII 415	
BURNING SPRING. A letter giving an account of the eruption of a burning spring at Broseley in Shropshire <i>- Hopton</i>	XXVII 475	IV 2 195
BURNING WELL. A letter concerning a burning well at Broseley <i>- Mason</i>	XLIV 370	X 586
BUTLER. Sequel to the case of Mr. Butler of Moscow, who was strangely affected by mixing verdigrease and false leaf-gold with aquafortis. See <i>Aquafortis - Baker</i>	LIV 15	



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BUTTER. Account of an extraordinary meteor, or kind of dew resembling butter, that fell in Ireland - - - <i>Vans</i>	XIX 223	
- - - <i>Bishop of Cloyne</i>	- -	
BUTTS. Letter concerning the circulation of the blood in butts - - <i>Leeuwenhoek</i>	XXII 552	III 686
BUXTON WATER. Experiments and observations on the water of Buxton and Matlock in Derbyshire - - <i>Percival</i>	LXII 455	

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CABBAGES. An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c; also to sweeten stinking water - - <i>Hales</i>	XLIV 339	
CABBAGE-BARK TREE. Description and use of the cabbage-bark tree in Jamaica <i>Wright</i>	LXVII 507	
CACAO-TREE. An accurate description of the cacao-tree, and the way of its curing and husbandry, &c. - - <i>Anon.</i>	VIII 6007	II 662
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CACTUS OPUNTIA. An account of the male and female cochineal insects, that breed on the cactus opuntia, or Indian fig, in South Carolina and Georgia - - <i>Ellis</i>	LII 661	
CAERLEON. See <i>Inscription</i> .		
CÆSAR. A discourse tending to prove at what time and place Julius Cæsar made his first descent upon Britain - - <i>Halley</i>	XVII 495	III 412
CÆSARIAN OPERATION. An account of the Cæsarian operation performed by an ignorant butcher - - <i>Copping</i>	XLI 814	IX 239
CAIRO. An account of E. W. Montague's journey from Cairo in Egypt, to the Written Mountain in the Defart of Sinai <i>Montague</i>	LVI 40	
CALAIS. Letter relating to that isthmus, or neck of land, which is supposed to have joined England and France in former times, where now is the passage between Dover and Calais <i>Wallis</i>	XXII 967	IV 2 227
CALAMINARIS. An account of digging and preparing the lapis calaminaris <i>Pooley</i>	XVII 672	II 554
CALCINATION. A retraction of the 7th and last paragraph of Mr. W. Molyneux's letter, vol.		

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— Relation of a child that remained 26 years in the mother's belly - - - <i>Bayle</i>	— 979	— 127
— An account of an extraordinary birth in Staffordshire - - - <i>Birch</i>	XIII 281	— 221
With reflections thereon - - - <i>Tyson</i>	— —	— —
— The description of a monstrous child born in South Jutland - - - <i>Krabe</i>	XIV 599	— 304
— Relation of an extraordinary child of six years old, who in face, &c. was as large as a full-grown woman; and of what appeared on the dissection of the body - - - <i>Sampson</i>	XIX 80	— 20
— An account of a child born with a large wound in the breast, supposed to proceed from the force of imagination - - - <i>Cyprianus</i>	— 291	— 222
— Letter concerning a child who had its intestines, mesentery, &c. in the cavity of the thorax - - - <i>Holt</i>	XXII 992	V 269
— Part of a letter concerning a monstrous birth - - - <i>Taylor</i>	XXV 2345	— 309
— Account of some monstrous births in Ireland in 1708 - - - <i>Derham</i>	XXVI 308	— —

		Transf.	Abridg.
— Account of a child crying in the womb	<i>Derham</i>	XXVI 485	V 310
— A short dissertation on a child's crying in the womb	<i>Derham</i>	— 487	— —
— An account of a monstrous double birth in Lorrain	<i>Maclaurin</i>	XXXII 346	VII 688
— Two extraordinary cases of a large stone in the urethra, brought on by the venereal infection, and a child born with a remarkable tumour on the loins	<i>Huxham</i>	XXXVI 257	— 560
— A case concerning a child born with the bowels hanging out of its belly	<i>Amyand</i>	XXXVII 258	— 516
— Account of a monstrous boy	<i>Cantwell</i>	XLI 137	IX 314
— Account of a monstrous child born of a woman under sentence of transportation	<i>Sheldrake</i>	— 341	— 313
— An account of a monstrous foetus resembling an hooded monkey	<i>Gregory</i>	— 764	— 315
— Case of the heart of a child turned upside down	<i>Torres</i>	— 776	— 135
— A remarkable conformation, or <i>lusus naturæ</i> , in a child	<i>Warwick</i>	XLII 152	— 316
— Part of a letter concerning a child of a monstrous size	<i>Geoffroy</i>	— 627	— 317
— Account of a child's being taken out of the abdomen after having lain there upwards of 16 years	<i>Myddleton</i>	XLIV 617	XI 807
— A letter concerning a child born with an extraordinary tumour near the anus, containing some rudiments of an embryo in it	<i>Huxham</i>	XLV 325	— 1020
— An account of a præternatural conjunction of two female children	<i>Parsons</i>	— 526	— 1209
— Part of a letter concerning a child born with the jaundice upon it, received from its father; and of the mother taking the same distemper from her husband the next time of being with child	<i>Cooke</i>	XLVI 205	— 1063
— An account of a monstrous foetus without any mark of sex	<i>Baister</i>	— 469	— 1208
— An account of a double child born at Hebus, near Middleton in Lancashire	<i>Percival</i>	XLVII 360	
— An account of an extraordinary case of a child	<i>Guy</i>	XLIX 34	
— Anatomico-medical observations of a monstrous double child born Oct. 26, 1701, in Pannonia, and died Feb. 23, 1723. (Lat.)	<i>Torkos</i>	L 311	
— Another account	<i>Burnet</i>	— 315	
— Another account	<i>Du Plessis</i>	— 317	
— Another account (Lat.)	<i>Drieschius</i>	— 318	

	Transf.	Abridg.
— An account of a monstrous human foetus, having neither head, heart, lungs, stomach, spleen, pancreas, liver nor kidneys <i>Le Cat</i>	LVII 1	
— An account of a very small foetus brought into the world at the same time with a child in its full growth <i>Warner</i>	LX 453	
— An account of an extraordinary acephalous birth <i>Cooper</i>	LXV 311	
CHILD-BED. Dissection of a woman who died in child-bed <i>Silvestre</i>	XXII 787	V 303
CHILD-BIRTH. See <i>Foetus, Monster, Parturition.</i>		
CHILTENHAM (Mineral water of). An examination of the Chilternham mineral water; which may serve as a method in general for examining mineral waters <i>Senckenberg</i>	XLI 380	VIII 650
CHIMNEY-PIECES. An account of two large stone chimney-pieces, with a peculiar sort of arch-work thereon <i>Wallis</i>	XIV 800	I 595
CHINA. A voyage of the emperor of China into the Eastern Tartary, 1682 <i>Anon.</i>	XVI 39	III 632
— A voyage of the emperor of China into the Western Tartary, 1683 <i>Anon.</i>	— 52	— —
— An explanation necessary to justify the geography supposed in these letters <i>Anon.</i>	— 62	— —
— Observations and conjectures concerning the Chinese characters <i>R. H.</i>	— 63	— —
— An account of a voyage to Chusan in China; with a description of the island, of the several sorts of tea, of the fishing, agriculture, &c. of the Chinese, &c. with several observations not hitherto taken notice of <i>Cunningham</i>	XXIII 1201	V 2 171
— An account of some plants collected at Chusan in China, by <i>James Petiver</i>	— 1419	IV - 286
— An explanation of the new chronological table of the Chinese history; translated into Latin from the original Chinese by father John Fr. Foucquet <i>Dereham and Foucquet</i>	XXXVI 397	VII 4 13
— A letter concerning the Chinese chronology and astronomy <i>Costard</i>	XLIV 476	XI 1232
— Account of the knowledge of geography amongst the Chinese <i>Gaubil</i>	XLVI 327	X 255
— Some account of the paper money current among the Chinese <i>Gaubil</i>	— —	XI 1364
— A letter giving an account of several of the natural and artificial productions of China <i>D'Incarville</i>	XLVIII 253	



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— Two letters concerning the Chinese chronology and astronomy — <i>Gaubil</i>	XLVIII 309	
— On the supposed connection between the hieroglyphical writing of antient Egypt, and the characteristic writing which is in use at this time among the Chinese <i>Morton</i>	LIX 489	
CHINA CABINET. An account of a China cabinet filled with several instruments, fruits, &c. used in China — — <i>Buckley</i>	XX. 390	II 252
Further account — — <i>Sloane</i>	— 461	— —
Further account — — <i>Sloane</i>	XXI 44	— 646
Further account — — <i>Sloane</i>	— 70	— 252
CHINA DISHES. An intimation of a way found in Europe to make China dishes <i>Anon.</i>	I 127	III 658
CHINA STOVES. A letter containing an account of the manner in which the Chinese heat their rooms — — <i>De Visme</i>	LXI 59	
An account of the Kang, or Chinese stoves — — <i>Gramont</i>	— 61	
CHINA VARNISH. The way of making several China varnishes; sent from the Jesuits in China to the great duke of Tuscany <i>Sherard</i>	XXII 725	I 585
CHIRURGERY. An argument for the more frequent use of laryngotomy, urged from a remarkable case in chirurgery — — <i>Musgrave</i>	XXI 398	III 61
— A relation of a deaf and dumb person who recovered his hearing and speech after a violent fever: with some other medical and chirurgical observations — — <i>Martin</i>	XXV 2469	V [357] V 2 127
— Part of a letter concerning a case in chirurgery, which is commonly mistaken for a fracture of the patella — — <i>Deverel</i>	XXXI 44	VII 678
— Two medico-chirurgical observations on the hydatides and consequences of an incomplete hernia, and on the functions of the intestines exposed to sight — — <i>Le Cai</i>	XLI 712	IX 189
— Various medico-chirurgical observations (Lat.) — — <i>Schlichling</i>	XLII 270	— 232
CHOROEIDES. Answer to Mr. Pecquet about the opinion, that it is the principal organ of sight; with other considerable experiments <i>Marriot</i>	V 1023	
CHOROGRAPHY. A solution of a chorographical problem, proposed by Richard Townley <i>Collins</i>	VI 2093	I 366
— The solutions of three chorographical problems — — <i>Anon.</i>	XV 1231	— 222
CHRONOLOGY. Remarks upon the observations made upon a chronological index of Sir Isaac New-		

	Transf.	Abridg.
ton; translated into French by the observator and published at Paris - <i>Newton</i>	XXXIII 316	
— Remarks upon some dissertations lately published at Paris by the Rev. P. Souciet, against Sir Isaac Newton's chronology <i>Halley</i>	XXXIV 205	VII 4 7
— Some farther remarks on P. Souciet's dissertations against Sir Isaac Newton's chronology - - - <i>Halley</i>	XXXV 296	— - 11
— An explanation of the new chronological table of the Chinese history; translated into Latin from the original Chinese by father John Fr. Foucquet <i>Dereham and Foucquet</i>	XXXVI 397	— - 13
— A letter concerning the Chinese chronology and astronomy - - - <i>Costard</i>	XLIV 476	XI 1232
— The application of Dr. Saunderson's theorem for solving unlimited equations to a curious question in chronology <i>Horfessall</i>	LVIII 100	
CHRYSTALLINE HUMOUR. Observations about the chryftalline humour of the eye <i>Leewenhoek</i>	XIV 790	
— Letter concerning the chryftalline humour in the eye of whales, fish, and other creatures, and of the use of the eye-lids <i>Leewenhoek</i>	XXIV 1723	V 2 267
CHUSAN. An account of a voyage to Chufan in China, with a description of the island, of the several sorts of tea, of the fishing, agriculture of the Chinese, &c. with several observations not hitherto taken notice of - - - <i>Cunningham</i>	XXIII 1201	— - 171
— An account of some plants collected at Chufan in China, by - - - <i>James Petiver</i>	— 1419	IV - 286
CHURCHIL RIVER. Journal of a voyage made by order of the Royal Society to Churchill River, on the north-west coast of Hudson's Bay; of thirteen months residence in that country; and of the voyage back to England in 1768, 1769 - - - <i>Wales</i>	LX 100	
CHYLE. Some anatomical observations and experiments concerning the unalterable character of the whiteness of the chyle within the lacteal veins; together with divers particulars observed in the guts, especially some sorts of worms found in them - - - <i>Lifter</i>	VIII 6060	III 101
— An account of an experiment made for altering the colour of the chyle in the lacteal veins - - - <i>Lifter</i>	XIII 6	— 102
— Some probable thoughts of the whiteness of the		

	Transf.	Abridg.
chyle; and what it is after it is conveyed with- in the arteries - - - <i>Lisser</i>	XIII 242	III 106
— An account of chylication - - - <i>Cowper</i>	XIX 231	— —
CHYMISTRY. An account of some chymical, medi- cal, and anatomical particulars - - - <i>Behm</i>	III 650	— 351
— Some reflections made on the enlarged account of Dr. Wittie's answer to hydrologia chymica, chiefly concerning the cause of the sudden loss of the virtues of mineral waters - - - <i>Foot</i>	IV 1050	II 365
— Observations on these three chymical opera- tions, digestion, fermentation, and triture or grinding (hitherto in the author's opinion not sufficiently regarded) by which many things of admirable use may be performed - - - <i>Langelot</i>	VII 5052	III 315
— The chymical touch-stone of Mr. John Kuncle, De acido & urinoso sale calido & frigido, con- tra Doctor. Voight's spirit. vini vindicatum - - - <i>Kuncle</i>	XV 896	
— Two propositions in chymistry desired to be an- swered in a year and a half by any person; if they are not in that time, the proposer promises he will do it himself - - - <i>Anon.</i>	XXI 186	II 752
— Observations on the class of sweet tastes, made by comparing the tastes of sweet plants with Mr. L'Emery's chymical analysis of them in his treatise of drugs - - - <i>Floyer</i>	XXIII 1160	V 406
— A vindication of Dr. Freind's chymical lectures, wherein the objections (in the Leipzig Trans- actions, Sept. 1710) brought against the at- tractive force of matter are removed - - - <i>Freind</i>	XXVII 330	— 428
— A discourse concerning the usefulness of ther- mometers in chymical experiments, and con- cerning the principles on which the thermome- ters now in use have been constructed; toge- ther with the description and uses of a metal- line thermometer newly invented by - - - <i>C. Mortimer</i>	XLIV 672	X 435
— A chymical experiment of the effect of quick- lime on alkaline sal volatile - - - <i>Schlosser</i>	XLIX 222	
— Experiments and observations on lead-ore - - - <i>Richard Watson</i>	LXVIII 863	
CICADA. Observations on the cicada or locusts of North America - - - <i>Collinson</i>	LIV 65	
— See <i>Locust.</i>		
CICINDELA VOLANS. Observations on the cin- della volans, or flying glow-worm with the figure - - - <i>Waller</i>	XV 841	II 761
		CICUTA.



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<b>CICUTA.</b> See <i>Hemlock</i> .		
<b>CINNABAR.</b> Extract of a letter containing several observations on cinnabar and gunpowder - - - <i>Leewenboeck</i>	XVII 754	III 685
<b>CINNAMON.</b> A description of the cortex Winteranus, or wild cinnamon tree - <i>Sloane</i>	- 462	II 663
— An account of the cinnamon in the island of Ceilan - - <i>Strachan</i>	XXIII 1094	V 2 179
— An account of the cinnamon-tree in Ceylon, and its several forts; communicated by the chief inspector of the cinnamon trade and manufacture in that island to Albertus Seba <i>Anon.</i>	XXXVI 97	VI 2 321
— Some additions to the foregoing account <i>Seba</i>	- 106	
— An account of the cinnamon-tree <i>W. Watson</i>	XLVII 301	
— A discourse on the cinnamon, cassia, or cannella - - <i>White</i>	L 860	
Letter on the cinnamon - <i>Combes</i>	- 873	
<b>CIRCLE (ASTRONOMY).</b> An observation of an extraordinary lunar circle, and of two paraselenes made at Paris Oct. 20, 1747 <i>Grejchow</i>	XLV 524	X 483
<b>CIRCLE (GEOMETRY).</b> Answer to the animadversions of Mr Hugenius upon Dr. Gregory's book, De vera Circuli & Hyperbolæ Quadratura, as published in the Journal des Savans <i>Gregory</i>	III 732	
— Some considerations on Mr Huygens's letter, printed in vindication of his Examen of the book intitled, De vera Circuli & Hyperbolæ Quadratura - - <i>Gregory</i>	- 882	
— The quantity of a degree of a great circle in English measures - <i>Oldenburg</i>	XI 636	I 587
— Cubic and biquadratic equations constructed by a parabola and circle - <i>Halley</i>	XVI 335	- 63
— The construction of a quadratrix to the circle, being the curve described by its equable evolution - - <i>Anon.</i>	XXII 445	- 56
— An investigation of some theorems which suggest some remarkable properties of the circle, and are of use in resolving fractions, whose denominators are certain multinomials, into more simple ones - <i>Landan</i>	XLVIII 566	
— Of triangles described in circles and about them - - <i>Stedman</i>	LXV 296	
— Theorems concerning polygons of greatest and least areas and perimeters inscribing and circumscribing the circle - <i>Horsie</i>	- 301	
— A new and general method of finding simple and quickly converging series; by which the		

	Transf.	Abridg.
proportion of a diameter of a circle to its circumference may easily be computed to a great number of places of figures <i>Hutton</i>	LXVI 476	
CITRON. Some hortulan communications about the curious engrafting of oranges and lemons, or citrons, upon one another's trees; and of one individual fruit, half orange and half lemon, growing on such trees, &c. <i>Anon.</i>	II 553	II 685
CIVITA TURCHINO. An account of some subterraneous apartments with Etruscan inscriptions and paintings, discovered at Civita Turchino in Italy. <i>Wilcox</i>	LIII 127	
CLARET. A further account of some experiments of injecting claret, &c. into the abdomen, after cupping <i>Warrick</i>	XLIX 485	
CLAYS. An ingenious proposal for a new sort of maps of countries; together with tables of sands and clays, such chiefly as are found in the north parts of England <i>Lister</i>	XIV 739	— 450
— An account of curious wasps nests made of clay in Pennsylvania <i>Bartram</i>	XLIII 363	XI 847
— Remarks on a petrified echinus of a singular kind, found at Bunnan's Land, in the parish of Bovingdon in Hertfordshire, which is a clay, and supposed to have been brought with the chalk dug out of a pit in the field <i>Parsons</i>	XLIX 155	
CLEPSYDRA. A description of a clepsydra, or water-clock <i>Hamilton</i>	XLIV 171	X 428
CLIFFS. Extract of a letter containing observations on the precipices and cliffs on the north-east coast of Norfolk <i>Arderon</i>	— 275	— 589
CLIMATE. An essay upon the causes of the different colours of people in different climates <i>Mitchell</i>	XLIII 102	XI 926
CLIFTON. See <i>Coins</i> .		
CIRCULATION OF THE BLOOD. See <i>Blood</i> .		
CLOCK. A new invention of a clock ascendant on a plane inclined <i>De Gennes</i>	XII 1006	I 468
— A letter wherein Mr. Williamson asserts his right to the curious and useful invention of making clocks to keep time with the sun's apparent motion <i>Williamson</i>	XXX 1080	IV 394
— A contrivance to avoid the irregularities in a clock's motion, occasioned by the action of heat and cold upon the rod of the pendulum <i>Graham</i>	XXXIV 40	VI 297
— An account of some observations made in London by Mr. Graham, and at Black River, in Jamaica,		

	Transf.	Abridg.
Jamaica, by Colin Campbell, concerning the going of a clock, in order to determine the difference between the lengths of isochronal pendulums in those places <i>Bradley</i>	XXXVIII <sub>302</sub>	VII 238
— An account of the influence which two pendulum-clocks were observed to have upon each other - - <i>Ellicott</i>	XLI 126	VIII 246
Subject continued - - <i>Ellicott</i>	— 128	
— A description of a clepsydra, or water-clock - - <i>Hamilton</i>	XLIV 171	X 428
— Two methods by which the irregularity of the motion of a clock, arising from the influence of heat and cold upon the rod of the pendulum, may be prevented - <i>Ellicott</i>	XLVII 479	
— Letter concerning the inventor of the contrivance in the pendulum of a clock to prevent the irregularities of its motion by heat and cold - - <i>Short</i>	— 517	
— Observations on a clock of Mr. John Shelton, made at St. Helena - <i>Maskebyne</i>	LII 434	
— Observations for proving the going of Mr. Ellicott's clock at St. Helena <i>Mason</i>	— 534	
— An account of Mr. Mason's paper concerning the going of Mr. Ellicott's clock at St. Helena - - <i>Short</i>	— 540	
— Remarks on the foregoing account <i>Maskebyne</i>	LIV 380	
— Astronomical observations made in the Forks of the river Brandivine in Pennsylvania, for determining the going of a clock sent thither by the Royal Society, in order to find the difference of gravity between the Royal Observatory at Greenwich, and the place where the clock was set up in Pennsylvania - - <i>Mason and Dixon</i>	LVIII 329	
— An account of the going of an astronomical clock - - <i>Wollaston</i>	LXI 559	
— See <i>Pendulum, Watches.</i>		
CLOGHER. An account of the subsiding or sinking down of a hill near Clogher in Ireland - - <i>Bishop of Clogher</i>	XXVIII 267	IV 2 250
CLOTH. A new engine to make linen-cloth without the help of an artificer <i>De Gennes</i>	XII 1007	I 501
CLOUDS. An attempt to solve the phenomenon of the rise of vapours, formation of clouds, and descent of rain - <i>Desaguliers</i>	XXXVI 6	VI 2 61
— Extracts of two letters relating to the extracting electricity from the clouds <i>Nollet</i>	XLVII 553	



	Transf.	Abridg.
CLOUDS. Another letter relating to the extracting electricity from the clouds - <i>Mylius</i>	XLVII 559	
CLOVES. An extract of a letter containing microscopical observations on cloves <i>Leeuwenhoek</i>	XLII 949	III 685
CLUSTERED ANIMAL-FLOWER. An account of the actinia sociata, or clustered animal flower, lately found on the sea-coasts of the new-ceded islands - <i>Ellis</i>	LVII 428	
CLUSTER POLYPE. Letter concerning a cluster polype, found in the sea near the coast of Greenland - - <i>Ellis</i>	XLVIII 305	
COAL. Observations and trials about the differences between a burning coal and shining wood <i>Boyle</i>	II 605	— 646
— An account of two uncommon mineral substances found in some coal and iron mines in England - - <i>Jessop</i>	VIII 6179	II 458, 459
— Observations on a subterranean fire in a coal mine near Newcastle - <i>Hodgson</i>	XI 762	— 383
— A relation of some strange phænomena, accompanied with mischievous effects, in a coal-work in Flintshire - <i>Moslyn</i>	XII 895	— 378
— The different strata observed in boring for coals in several parts of Yorkshire, with the expence of the same - <i>Maleverer</i>	XXI 73	— 599
— A letter concerning a colliery that took fire, and was blown up near Newcastle, killing 69 persons, on August 18, 1708 <i>Charlett</i>	XXVI 215	IV 2 206
— A description of the several strata of earth, stone, coal, &c. found in a coal-pit at the west end of Dudley, Staffordshire. To which is added, a table of the specifick gravity of each stratum <i>Fettiplace and Hawksbee</i>	XXVII 541	— - 182
— A curious description of the strata observed in the coal-mines of Mendip in Somersetshire <i>Strachey</i>	XXX 968	— - 260
— An account of the strata in coal-mines <i>Strachey</i>	XXXII 395	VI - 222
— An account of the damp air in a coal-pit of Sir James Lowther, Bart. sunk within 20 yards off the sea - <i>Lowther</i>	XXXVIII 109	VIII 656
— An experiment concerning the spirit of coals - - <i>Clayton</i>	XLI 59	IX 395
— An account of coal-balls made at Liege <i>Hanbury</i>	— 672	— 501
— A letter concerning a coal-mine taking fire near Newcastle upon Tyne <i>Durant</i>	XLIV 221	X 588
— A letter concerning spelter melting iron with pit-coal - - <i>Mason</i>	— 370	— 671
— An account of the impressions of plants on the flates of coals - <i>Da Costa</i>	L 228	

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—	Remarks on the Bovey coal	<i>Milles</i> LI 534	
—	An account of a case of a young man, stupified by the smoke of sea-coal	<i>Fretwen.</i> LII 454	
—	A letter containing a short account of an explosion of air in a coal-pit at Middleton, near Leeds in Yorkshire	<i>Bernard</i> LXIII 217	
—	See <i>Bovey, Damp.</i>		
COATI MONDI.	A letter concerning the Coati Mondí of Brasil	<i>Mackenzie</i> XXXII 317	VII 449
COBALT.	Part of a letter concerning cobalt, and the preparations of smalt and arsenic	<i>Kreig</i> XXIV 1754	V 420
—	Commentary on cobalt	<i>Linckius</i> XXXIV 192	VI 2 236
COCCUS RADICUM.	Some corrections and amendments concerning the generation of the insect called coccus radicum	<i>Breynius</i> XXXVII 444	VII 466
COCHEREL.	See <i>Sepulchre.</i>		
COCHINEAL.	Observations concerning cochineal, accompanied with some suggestions for finding out and preparing such like substances out of other vegetables	<i>Anon.</i> III 796	II 784
—	Letter enlarging and correcting his former notes upon Kermes; and withal insinuating his conjectures of cochineal's being a sort of Kermes	<i>Lister</i> VII 5059	
—	Observations on the making of cochineal, according to the relation had from an old Spaniard at Jamaica	<i>Anon.</i> XVII 502	— 785
—	A letter concerning cochineal	<i>Leeuwenhoek</i> XXIV 1614	V 2 266
—	The natural history of cochineal	<i>Rutty</i> XXXVI 264	VII 478
—	An account of the male and female cochineal insects, that breed on the cactus opuntia, or Indian fig, in South Carolina and Georgia	<i>Ellis</i> LII 661	
—	An account of the Polish cochineal	<i>Wolfe</i> LIV 91	
—	Further account	<i>Wolfe</i> — 95	
—	A further account of the Polish cochineal	<i>Wolfe</i> LVI 184	
COCHLEA.	A description of the organ of hearing in the elephant, with the figures and situation of the officles, labyrinth, and cochlea, in the ear of that animal	<i>Blair</i> XXX 885	V 82
COCKS.	Microscopical observations and experiments concerning the animalcula in semine-masculino of cocks and spiders, shortness of breath, &c.	<i>Leeuwenhoek</i> XXIII 1137	— 2 264
COD FISH.	Letter concerning the spawn of cod-fish	<i>Leeuwenhoek</i> XXII 821	— - 266
COD (Of the seed of plants).	Instances shewing the		

	Transf.	Abridg.
correspondence of the pith and timber with the seed of the plant; as also of the bark or sap in the bark with the pulp of the fruit, or some encompassing coat or cod containing the seed - - - <i>B.al</i>	IV 919	II 710
<b>COECUM.</b> An account of the cutting out of the coecum of a bitch - - - <i>Musgrave</i>	XIII 324	III 112
— A letter in answer to Mr. Oldenburgh, wherein he desired an explanation of a paragraph, touching the use of the intestinum coecum <i>Lyfster</i>	XIV 457	— 425
— Of an inguinal rupture, with a pin in the appendix coeci incrufted with a stone; and some observations on wounds in the guts <i>Amyand</i>	XXXIX 329	IX 153
<b>COFFEE.</b> An account of the coffee-shrub <i>Sloane</i>	XVIII 61	II 659
— A discourse of coffee - - - <i>Houghton</i>	XXI 311	— 660
<b>COHESION.</b> Some experiments concerning the cohesion of lead - - - <i>Desaguliers</i>	XXXIII 345	VI 325
— Queries concerning the cause of cohesion of the parts of matter - - - <i>Triewald</i>	XXXVI 39	— 2 5
— A remarkable case of cohesion of all the intestines in a man about 34 years of age <i>Fenty</i>	L 550	
— New experiments and observations concerning electricity - - - <i>Symmer</i>	LI 340	
— Experiments on electricity; with a letter concerning the force of electrical cohesion <i>Mitchell</i>	— 393	
<b>COINS.</b> A letter giving a further account of some coins found at Honedon in Suffolk <i>Dale</i>	XVII 874	III 441
— Letter concerning pewter-money coined in Ireland by the late king James <i>Thoresby</i>	XXIV 1875	V 2 31
— An easy method of procuring the true impression or figure of medals, coins, &c. <i>Baker</i>	XLIII 77	XI 1339
— Explication of an inedited coin with two legends, in different languages, on the reverse <i>Swinton</i>	LXI 78	
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— An astronomical dissertation on the visible conjunction of the inferior planets with the sun	<i>Holley</i> XVII 511	— 427
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CONNOUGH WORM. See <i>Worm</i> .		
CONSERVATORIES. Instances, hints, and applications, relating to a main point, solicited in the preface to this fourth volume ; concerning the use may be made of vaults, deep wells, and cold conservatories, to find out the cause, or to		



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promote the generation of salt, minerals, metals, crystal; gems, stones of divers kinds; and helps to conserve long, or to hasten putrefaction, fertility of any kind of land, &c. <i>Beale</i>	IV 1135	II 363
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— An account of an unusual medicinal case of an hæmorrhage of bloody tears in convulsion fits - <i>Monginot</i>	XXII 756	V 355
— Of the extraordinary effects of musk in convulsive disorders - <i>Wall</i>	XLIII 212	XI 1044
— Case of a boy troubled with convulsive fits cured by the discharge of worms <i>Oram</i>	L 518	
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— An account of some extraordinary effects arising from convulsions - <i>W. Watson</i>	— 743	
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COPERNICUS. An account of a portrait of Copernicus, presented to the Royal Society by Dr. Wolf of Dantzick - <i>Wolf</i>	LXVIIp.1f33	
COPPER. Account of the copper-mine at Herrin Ground in Hungary - <i>Brown</i>	V 1042	II 562
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—	The method, manner, and order of the transmutation of copper into brass, &c. <i>Povey</i>	XVII 735	II 565
—	Letters concerning several copper-mines, in answer to some queries of Dr. Lister <i>Davies</i>	— 737	— 563
—	The method, manner, and order of transmuting of copper into brass, &c. <i>Povey</i>	XXII 474	— 565
—	An account of an human body found in a copper-mine <i>Leyel</i>	XXXIII 136	VI 2 204
—	Letter concerning the copper-springs in the county of Wicklow, in Ireland <i>Henry</i>	XLVII 500	
—	Second letter concerning the copper-springs in the county of Wicklow, in Ireland <i>Henry</i>	XLVIII 94	
—	A letter containing experiments on the copper-springs in Wicklow, in Ireland, and observations thereon <i>Bond</i>	— 181	
—	An account of the copper-springs lately discovered in Pennsylvania <i>Rutty</i>	XLIX 648	
—	Actual fire in detonation, produced by the contact of tinfoil, with the salt composed of copper and the nitrous acid <i>Higgins</i>	LXIII 137	
—	A new method of assaying copper-ore <i>Fordyce</i>	LXX 30	
COPPERAS. An account of the way of making English green copperas <i>Colwall</i>		XII 1058	
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—	A description of some corals, and other curious submarines, lately sent from the Philippine Isles by G. J. Cameli <i>Petiver</i>	— 1419	IV 2 286
—	Microscopical observations on the pumice stone, coral, sponges, &c. <i>Leeuwenhoek</i>	XXIV 2158	VI 2 267
—	Microscopical observations on red coral <i>Leeuwenhoek</i>	XXVI 126	V —
—	New discoveries relating to the history of coral <i>Donati</i>	XLVII 95	
—	An account of a MS treatise sent to the Royal Society, intituled, “A treatise upon coral, and several other productions of the sea, in order to illustrate the natural history thereof,” by the Sieur de Peyssonel <i>W. Watson</i>	— 445	
—	Letter concerning the formation of corals and corallines <i>Parsons</i>	— 505	
—	An account of a curious fleshy coral-like substance, with some observations on it by Mr. John Ellis <i>Schlosser</i>	XLIX 449	

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— An account of a red coral from the East Indies of a very singular kind - - <i>Elis</i>	— 188	
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— An historical memoir concerning a genus of plants, called Lichen by Micheli, Haller, and Linnæus, and comprehended by Dillenius under the terms, usnea, coralloides, and lichnoides; tending principally to illustrate their several uses - - <i>W. Watson</i>	— 652	
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COR LEONIS. An observation on an occultation of cor leonis by the moon, on Thursday, March 12, 1747, in Surrey Street in the Street, London, with a reflecting telescope, made by Mr. Short, which magnified about 100 times <i>Bevis</i>	XLIV 455	— 110
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— A letter with some microscopical observations on		



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— The case of a wound in the cornea of the eye, cured by - - <i>Thomas Baker</i>	XLI 135	IX 121
— Extract of a letter concerning the particulars of the cure of a wound in the cornea, and of a laceration of the uvea in the eye of a woman - - <i>Aery</i>	XLV 411	XI 954
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CORNUA UTERI. An account of the dissection of a bitch, whose cornua uteri being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen <i>Anon.</i>	XIII 183	II 904
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CORNUA AMMONIS. A letter concerning some vertebræ of ammonitæ, or cornua ammonis <i>Miles</i>	— 37	— 641
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CORONOPUS. Letter concerning the use of the flar of the earth, coronopus, or buck's-horn plantain in the cure of the bite of a mad dog <i>Steward</i>	XL 449	VIII 83
CORRUPTION. Divers means for preserving from corruption dead birds, intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means		

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— — — See <i>Cinnamon Tree</i> .		
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— A letter concerning an extraordinary fish called in Russia quab, and concerning the stones called crabs eyes - <i>Baker</i>	XLV 174	XI 876
CRAE STONES. An observation of the immoderate and fatal use of crab stones, and such like absorbent earths; and from whence have proceeded stones in the stomach and reins <i>Breynius</i>	XLI 557	IX 171
CRAE TREES. How to multiply crab-stocks, and propagate trees by layers - <i>Tonge</i>	V 2074	II 752
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— A letter containing a farther account of damp- in mines - - - <i>Jessop</i>	X 450	II 376
— Observations on a subterranean fire in a coal mine near Newcastle - - - <i>Hodgson</i>	XI 762	— 383
— A relation of some strange phænomena, accom- panied with mischievous effects in a coal-work in Flintshire - - - <i>Moslyn</i>	XII 895	— 378
— An account of the burning of several hay-ricks by a fiery exhalation or damp: and of the in- fectious quality of the grass of several grounds - - - <i>Floyd</i>	XVIII 49	— 181
— Farther account of the fiery exhalation in Me- rionydshire - - - <i>Lhwyd</i>	— 223	— 180
— An attempt made to shew how damp or foul air may be drawn out of any sort of mines, &c. by an engine - - - <i>Desaguliers</i>	XXXV 353	VI 2 193
— A brief account of some of the effects and pro- perties of damp, from observations of the ef- fects of opening an old well at Boston in New England, July 19, 1729 - - - <i>Greenwood</i>	XXXVI 184	— - 195
— An account of the damp air in a coal-pit of Sir James Lowther, Bart. sunk within 20 yards of the sea - - - <i>Lowther</i>	XXXVIII 109	VIII 656
— An experiment to shew that some damp in mines may be occasioned only by the burning of candles under ground, without the addition of any noxious vapour, even when the bot- tom of the pit has a communication with the outward air, unless the outward air be forc- ibly driven in at the said communication or pipe - - - <i>Desaguliers</i>	XXXIX 281	
— An observation of an extraordinary damp in a well in the Isle of Wight - - - <i>Cooke</i>	XL 379	— 658
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DANTZICK. A relation of an inland sea near Dant- zick, yeilding at a certain season of the year a green substance, which causeth certain death - - - <i>Kirkby</i>	VII 4069	II 491
DARIEN. Part of a journal kept from Scotland to New Caledonia in Darien, with a short ac- count of that country - - - <i>Wallace</i>	XXII 536	III 561
DARKNESS. An account of a remarkable darkness at Detroit in America, Oct. 19, 1762 - - - <i>Stirling</i>	LIII 63	
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ral figures, which shews the great antiquity of those figures in England - <i>Wallis</i>	XIII 399	I 107
— Extract of a letter concerning an antient date found at Widge Hall in Hertfordshire <i>Cope</i>	XXXIX 119	IX 420
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— Remarks upon an antient date, over a gateway, near the cathedral at Worcester <i>Ward</i>	— 136	
— An account of an antient date in Arabian figures, upon the north front of the parish church of Rumsey in Hampshire <i>Barlow</i>	XLI 652	— 432
— A brief inquiry into the reading of two dates in Arabian figures cut upon stones, which were found in Ireland - <i>Ward</i>	XLIII 283	XI 1260
— A description of an antient date in Arabian figures at Walling, near Aldermanston, Berkshire - <i>Ward</i>	XLV 603	— 1267
DATE-STONES. An extract of a letter containing microscopical observations on date stones - - - <i>Leewenhoeck</i>	XLII 949	III 685
DAVENPORT (ANN). The case of Ann Davenport - - - <i>Fynney</i>	LXVII 458	
DAVIS'S QUADRANT. A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea in thick and hazy weather without seeing the horizon - - - <i>Leigh</i>	XL 413	VIII 360
DAVIS'S STREIGHTS. Track of his majesty's armed brig Lion, from England to Davis's Straights and Labrador; with observations for determining the longitude by sun and moon, and error of common reckoning; also the variation of the compass and dip of the needle, as observed during the said voyage in 1776 - - - <i>Pickersgill</i>	LXVIII 1057	
DAY. Letter proposing a new place for the first meridian, and pretending to evince the equality of all natural days; as also to shew a way of knowing the true place of the moon <i>Anon.</i>	X 425	I 270
Answered by - <i>Flamstead</i>	— 429	— —
— A letter concerning a very cold day, and another a very hot day, in June and July 1749 - - - <i>Miles</i>	XLVI 208	X 471
DEAD BODIES. A letter concerning the body of a woman found in a morass in the Isle of Axholm in Lincolnshire - <i>Stovin</i>	XLIV 571	XI 1326

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— An account of the dead bodies of a man and woman who were preserved 49 years in the Moors in Derbyshire — <i>Balguy</i>	XXXVIII 413	VIII 706
— Extract of several letters concerning a body found in a vault in the church of Staverton in Devonshire, intire, after being buried upwards of 80 years — <i>Huxham and Tripe</i>	XLVII 253	
— Some account of a body lately found in uncommon preservation under the ruins of the abbey at St. Edmundsbury, Suffolk; with some reflections upon the subject — <i>Collignon</i>	LXII 465	
DEAD SEA. Experiments by way of analysis upon the water of the dead sea, upon the hot springs near Tiberiades, and upon Hammon Pharoan water — — <i>Perry</i>	XLII 48	— 645
DEAFNESS. An account of an experiment concerning deafness — — <i>Holder</i>	III 665	III 42
— Method of instructing persons deaf and dumb — — <i>Wallis</i>	XX 353	— 393
— An account of a young lady born deaf and dumb taught to speak — — <i>Ellis</i>	XXIII 1416	V 2 134
— An account of two deaf persons who can speak and understand one another by the motion of the lips — — <i>Waller</i>	XXV 2468	— - 219
— A relation of a deaf and dumb person who recovered his hearing and speech after a violent fever: with some other medical and chirurgical observations — — <i>Martin</i>	— 2469	— 357
— A method proposed to restore the hearing, when injured from an obstruction of the tuba eustachiana — — <i>Watson</i>	XLIV 213	
— Upon the sound and hearing of fishes by Jac. Theod. Klein; or some account of a treatise intitled, An enquiry into the reasons why the author of an epistle concerning the hearing of fishes, endeavours to prove they are all mute and deaf — — <i>Brocklesby</i>	XLV 233	XI 883
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— An account of the opening of the body of a		

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— Observations on the death of a dog, on firing a volley of small shot - <i>Clarke</i>	— 779	— 650
— Observations on a case published in the last volume of the Medical Essays, &c. of recovering a man dead in appearance, by distending the lungs with air - <i>Fothergill</i>	XLIII 275	XI 969
— An extract of an Italian treatise written by Jos. Bianchini, upon the death of the countess Cornelia Zangari and Bandi of Cesena. To which are subjoined, an account of the death of Io Hitchell, who was burned to death by lightening; and of Grace Pett at Ipswich, whose body was consumed to a coal - <i>Rolli</i>	— 447	— 1068
— On the digestion of the stomach after death - <i>John Hunter</i>	LXII 447	
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— Letter concerning the insect which is commonly called the death-watch - <i>Derham</i>	XXII 832	V 27
— A supplement to the account of the pediculus pulsatorius, or death-watch; serving to the more perfect natural history of that insect - <i>Derham</i>	XXIV 1586	— 8
— An account of the scarabæus galeatus pulsator, or the death watch - <i>Stackhouse</i>	XXXIII 159	VII 407
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— Description of a method of measuring differences of right ascension and declination with Dollond's micrometer; together with other new applications of the same - <i>Maskeelyne</i>	LXI 536	
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— Method of catching fowl and deer in the island of Ceilan - <i>Strachan</i>	XXIII 1094	V 2 179
— A description of the moose deer of New England - <i>Dudley</i>	XXXI 65	
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— Account of the horn of a large deer found in the heart of an oak - <i>Clark</i>	XLI 235	VIII 847
— An account of two extraordinary deers horns, found under ground in different parts of Yorkshire - - <i>Knowlton</i>	XLIV 124	X 601
DEGREE. Letter concerning a place in New York for measuring a degree of latitude <i>Alexander</i>	XLI 383	
— Proposal of a method for measuring degrees of longitude upon parallels of the æquator <i>Mitchell</i>	LVI 119	
— Letter containing a short account of the measurement of three degrees of latitude under the meridian of Vienna - <i>Liefganig</i>	LVIII 15	
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— Kepler's method of computing the moon's parallaxes in solar eclipses, demonstrated and extended to all degrees of the moon's latitude; as also to the assigning the moon's correspondent apparent diameter: together with a concise application of this form of calculation to those eclipses - - <i>Pemberton</i>	LXI 437	
DELGOVICIA. Extract of a letter concerning the situation of the ancient town Delgovitia - - <i>Knowlton</i>	XLIV 100	XI 1245
— A dissertation on the situation of the ancient Roman station of Delgovitia in Yorkshire - - <i>Burton</i>	— 541	— 1246
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— Case of the efficacy of bark in the delirium of a fever - - <i>Munckley</i>	L 609	
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— An attempt to account for the universal deluge - - <i>King</i>	LVII 44	
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DENMARK. Remarks in a late journey into Denmark and Holland - <i>Oliver</i>	XXIII 1400	V 2 128
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— An enquiry concerning the figure of such planets as revolve about an axis, supposing the density continually to vary from the center to the surface - <i>Clairaut</i>	XL 277	VIII 90
— An essay on the connection between the parallaxes of the sun and moon; their densities, and their disturbing motions on the ocean - <i>Murdock</i>	LVIII 24	
— An account of the calculations made from the survey and measures taken at Schehallien, in order to ascertain the mean density of the earth - - <i>Hutton</i>	LXVIII 689	
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DENTARIA HEPTAPHYLOS. An account of aphyllon and dentaria heptaphylos of Clusius, omitted by Mr. Ray - <i>W. Watson</i>	XLVII 428	
DESCARTES. See <i>Equations</i> .		
DETONATION. Actual fire and detonation produced by the contact of tin-foil with the salt composed of copper and the nitrous acid <i>Higgins</i>	LXIII 137	
DETROIT. An account of a remarkable darkness at Detroit in America, Oct. 19, 1762 <i>Stirling</i>	LIII 63	
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DEVON. An account of some mineral observations touching the mines of Cornwall and Devon; whereby is described the art of training a lead, the art and manner of digging the ore, and the way of dressing and blowing the tin <i>Anon.</i>	VI 2096	II 565
DEW. Account of an extraordinary meteor, or kind of dew like butter, that fell in Ireland - <i>Van Bp. of Cloyne</i>	XIX 224	
— A relation of observations concerning the falling dew, made at Medioburg in Zeland by Leonard Stocke, upon an open lead plain of the astronomical turret of John Munk, in the		

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DIAGONALS. A letter gratulatory to M. Hevelius for his organographia, and particularly concerning divisions by diagonals - <i>Wallis</i>	IX 243	
DIAMETERS. A way for taking the diameters of planets - <i>Auzout</i>	I 373	I 194
— A way for knowing the parallax of the moon; as also why, in the solar eclipse of July 2. 1666, the diameter of the moon did increase about the end - <i>Auzout</i>	— —	— 217
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— Kepler's method of computing the moon's parallaxes in solar eclipses, demonstrated and extended to all degrees of the moon's latitude. as also to the assigning the moon's correspondent diameter; together with a concise application of this form of calculation to those eclipses - <i>Pemberton</i>	LXI 437	
— A new and general method of finding simple and quickly-converging series; by which the proportion of the diameter of a circle to its circumference may easily be computed to a great number of places of figures <i>Hutton</i>	LXVI 476	
DIAMONDS. A note about some unusual diamonds <i>Anon.</i>	IX 26	II 187
— A description of the diamond mines - <i>Earl Marshal of England</i>	XII 907	— 467
— Experiments of the luminous qualities of amber, diamonds, and gum-lac <i>Wall</i>	XXVI 69	IV 2 275
— Microscopical observations on the configuration of diamonds - <i>Leeuwenhoe</i>	— 479	V 2 267
— A letter concerning diamonds lately found in Brazil - <i>Sarmiento</i>	XXXVII 199	IV 2 182
— A letter concerning the specific gravity of diamonds - <i>Ellicott</i>	XLIII 468	X 612
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— — — — — <i>Leeuwenhoek</i>	XXXII 400	VII 687
— A letter concerning two posthumous letters of Ant. à Leewenhoek, relating to the diaphragm		
— — — — — <i>Hogvlietii.</i>	— 435	
— On the palpitation of the diaphragm		
— — — — — <i>Leeuwenhoek</i>	— 436	— 562
— History of a split one in a child of ten months old, accompanied with part of the intestines being thrown into the thorax		
— — — — — <i>Fothergill</i>	XLIV 11	XI 107
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DIFFERENTIAL. A letter concerning the dispute about the invention of the method of fluxions, or differential method; with M. Leibnitz, his answer		
— — — — — <i>Conti</i>	XXX 923	IV 162
— The Newtonian differential method illustrated		
— — — — — <i>Stirling</i>	— 1050	— 141
DIGESTION. Observations on these three chemical operations, digestion, fermentation, and triture or grinding (hitherto in the author's opinion not sufficiently regarded) by which many things of admirable use may be performed		
— — — — — <i>Langelot</i>	VII 5052	III 315
— Observations about digestion, and the motion of the blood in a fever		
— — — — — <i>Leeuwenhoek</i>	XIII 347	— 684
— A discourse concerning digestion		
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DIOPTRICK PROBLEM. Why four convex glasses in a telescope shew objects erect		
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DISEASES. Observation on a human body dead of odd diseases		
— — — — — <i>Fairfax</i>	II 546	III 76
— An account of the diseases of dogs, and several receipts for the cure of their madness, and of those bitten by them: extracted from the papers of Sir T. Mayerne, by		
— — — — — <i>Sir Theodore de Vaux</i>	XVI 408	II 870 III 283
— Some observations on the motion of diseases, and on the births and deaths of men and other animals, in the different times of the <i>Νοχθήμερον</i>		
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— — — — — <i>Cooper</i>	XIX 301	— 143
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— Part of a letter giving an account of several magnetical experiments; and of one who pretended to cure or cause diseases, by applying a sympathetick powder to the urine		
— — — — — <i>Leeuwenhoek</i>	XIX 512	III 685
— Particular observations upon different maladies		
— — — — — <i>Gailhard</i>	— 717	— 288
— Of the diseases and remedies incident to northern countries		
— — — — — <i>Lloyd</i>	XXI 311	— 606
— An attempt to prove the antiquity of the venereal disease long before the discovery of the West Indies		
— — — — — <i>Beckett</i>	XXX 839	IV 329
— A letter concerning the antiquity of the venereal disease		
— — — — — <i>Beckett</i>	XXXI 47	VII 652
— A letter to Dr. Halley in answer to some objections made to the history and antiquity of the venereal disease		
— — — — — <i>Beckett</i>	— 108	— 663
— An extract from the books of the town council of Edinburgh, relating to a disease there, supposed to be venereal, in the year 1497		
— — — — — <i>Macky</i>	XLII 420	IX 213
— A short account of the disease of which Joseph Bolognini died (Lat.)		
— — — — — <i>De Camillis</i>	XLIII 40	XI 1059
— Two observations of a diseased conformation in bodies		
— — — — — <i>Haller</i>	XLIV 527	— 1062
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— Two singular cases of diseased knee-joints successfully treated; the first by topical applications, the second by operation		
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— A further account of the effects of electricity in the cure of some diseases		
— — — — — <i>Brydone</i>	L 695	
— An account of a cure of a diseased eye		
— — — — — <i>Layard</i>	— 747	
— Extract of a letter relating to an extraordinary agitation of the sea at Barbadoes, Mar. 31, 1761, and an epidemical disorder in that island		
— — — — — <i>Majon</i>	LII 477	
— An account of an extraordinary disease among the Indians in the island of Nantucket, and Martha's vineyard in New England		
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— An account of the disease called Ergot in French, from its supposed cause, viz. vitiated rye		
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— Observations on the population and diseases of Chester, in the year 1774		
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— Observations on the dissection of a rat <i>R. W.</i>	XVII 594	
— Observations on the dissection of a paroquet - - - Waller	XVIII 153	— 855
— An account of the dissection of a dog who had mercury injected into one of the jugulars <i>Pitt</i>	XX 184	III 234
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— Observations upon the dissection of an ostrich - - - Warren	XXXIV 113	— 437
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— A letter concerning a cluster of small teeth ob- served at the root of each fang, or great tooth in the head of a rattle-snake, upon dissecting it - - - Bartram	XLI 358	IX 60
DISSECTION (Of human bodies). An account of an egg found in the tuba fallopiana of a woman lately dissected; with several remarks touching generation - - - Buiffiere	XVIII 11	III 211
— Relation of an extraordinary child of six years old, who in face, &c. was as large as a full- grown woman; and of what appeared on the dissection of the body - Sampson	XIX 80	— 20
— An account of a very large diseased kidney found on the dissection of a lady; with the symp- toms of the disease before her death, and an explanation of their phaenomena Cowper	— 301	— 143
— An anatomical account of some remarkable things found on the dissection of a woman who died of a dropsy, after the paracentesis was performed; with a small reflection on the causes of dropsies - - - Preston	— 330	— 141
— A relation of a strange symptom attending a hy- drops pectoris, and the reason of it, as it ap- peared on the dissection of the body Doudy	— 390	— 77
— Dissection of a woman who died in child-bed - - - Silvestre	XXII 787	V 303
— Some uncommon observations on the dissection of morbid bodies - Vaughan	XXIII 1244	— 261
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— An account of the dissection of a person who died of an ulcer in the right kidney <i>Douglas</i>	XXVII 32	V 257
— An account of what appeared on the dissection of Mr. Dove - <i>Cowper</i>	— 512	— 325
— An account of the dissection of a child <i>Blair</i>	XXX 631	— 275
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DISSOLUTION. Observations upon the dissolutions and fermentations which we may call cold, because they are accompanied with a coolness of the liquors into which they pass <i>Geoffroy</i>	XXII 951	V 421
DISTANCES. Instance to Mr. Hook, for communicating a contrivance of making, with a glass of a sphere of 20 or 40 foot diameter, a telescope drawing several hundred feet: and his offer of recompensing that secret with another, teaching to measure with a telescope the distances of objects upon the earth <i>Auzout</i>	I 123	
— Of the correspondence to be procured for the finding out the true distance of the sun and moon from the earth by the parallax, observed under or near the same meridian <i>Oldenburg</i>	— 151	I 300
— A true copy of a paper found in the hand-writing of Sir Isaac Newton among the papers of Dr. Halley, describing an instrument for observing the moon's distance from the fixed stars at sea - -	XLII 155	VIII 129
— Some experiments in order to discover the height to which rockets may be made to ascend, and to what distance their light may be seen <i>Ellicott</i>	XLVI 578	X 202
— A letter containing the results of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St. Helena, in order to determine the longitude of the ship from time to time; together with the whole process of computation used on this occasion <i>Maskeelyne</i>	LII 558	
— Of the moon's distance and parallax <i>Murdock</i>	LIV 29	
— Concise rules for computing the effects of refraction and parallax, in varying the apparent distance of the moon from the sun or a star: also an easy rule of approximation for computing the distance of the moon from a star; the longitudes and latitudes of both being given, with demonstrations of the same <i>Maskeelyne</i>	— 263	
— A method by which a glass of a small plano-convex sphere, may be made to refract the rays		

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<b>DISTEMPERS</b> (Amongst cattle). An account of a murraine in Switzerland, and the method of its cure - - - <i>Wincker</i>	XIII 93	II 869
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— An account of the distemper raging among the cow-kind in the neighbourhood of London; together with some remarks proposed for their recovery - - - <i>Mortimer</i>	XLIII 532	XI 916
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— A third account of the distemper among the cows - - - <i>Mortimer</i>	XLIV 4	— 921
— Concerning the burying of cows, dead of the distemper, in lime or not - - - <i>Milner</i>	— 224	— 925
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<b>DIVIDING.</b> A letter touching the invention of divid-		

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ing a foot into many thousand parts, for mathematical purposes - <i>Townley</i>	II 457	I 218
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A description of an instrument for dividing a foot into many thousand parts, and thereby measuring the diameters of planets to great exactness - <i>Anon.</i>	— 541	— 219
DIVING. A table shewing to what degree air is compressible in sea-water from the depth of one foot to 1947 feet; useful to divers <i>Anon.</i>	VI 2192	II 201
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— A letter concerning an improvement of the diving-bell - <i>Triewald</i>	XXXIX 377	VIII 634
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— Observations on the death of a dog on firing a volley of small shot - <i>Clarke</i>	XIX 779	— 650
— An account of what happened on syringing warm water into the thorax of a bitch - <i>Musgrave</i>	XX 181	— 78
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— Letter concerning a polypus found in a dog - <i>Musgrave</i>	XXII 690	— 85
— Observations on part of the intestine of a dog successfully cut away - <i>Shipton</i>	XXIII 1299	V 275
— A letter giving an account of two women being poisoned by the simple-distilled water of laurel-leaves, and of several experiments upon dogs;		



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by which it appears that this laurel-water is the most dangerous poison hitherto known		
— — — — — <i>Madden</i>	XXXVII 85	VI 2 374
— Some experiments concerning the poisonous quality of the simple-distilled water from the Lauro-cerasus, or common laurel, made upon dogs at Topping Hall, Essex, 1731; and others made before the Royal Society in their repository		
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— — — — — <i>Lifter</i>	XIII 162	II 276
— — — A receipt to cure mad dogs, or men or beasts, bitten by mad dogs		
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— — — An account of the diseases of dogs, and several receipts for the cure of their madness, and of those bitten by them; extracted from the papers of Sir T. Mayerne, by		
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— — — A letter containing some experiments made upon mad dogs with mercury		
— — — — — <i>James</i>	XXXIX 244	IX 218
— — — Remarks on the cure of the bite of a mad dog		
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— — — Another case drawn up by		
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DOG MERCURY. Part of a letter concerning the		

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DOVER. Letter relating to that isthmus, or neck of land, which is supposed to have joined Eng- land and France in former times, where now is the passage between Dover and Calais <i>Wallis</i>	XXII 967	IV 2 227
DRAGON-FLY. Some observations on the dragon-fly, or libella of Pennsylvania <i>Bartram</i>	XLVI 323	XI 845
DRAWING. A new way of orthographically delineat- ing by parallel visual rays the postures and ac- tions of an human body, exactly observing the symmetry and proportion of the parts - - - <i>Saint-Clare</i>	VIII 6079	I 599
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DRINK. An account of a woman in the shire of Rofs, living without food or drink <i>Mackenzie</i>	LXVII 1	
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— Anatomical observations in the body of a wo- man about 50 years of age, who died hydro- pical in her left testicle - - - <i>Sampson</i>	XII 1000	— 206
— An account of an uncommon case of a dropsy between the coats of the womb <i>Anon.</i>	XVIII 20	— 205
— An anatomical account of some remarkable things found on the dissection of a woman. who died of a dropsy, after the paracentesis was performed ; with a small reflection on the causes of the dropsy - - - <i>Preßon</i>	XIX 330	— 141
— A relation of a strange symptom attending a hy- drops pectoris, and the reason of it, as it ap- peared on the dissection of the body <i>Doudy</i>	— 390	— 77
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— An account of a dropfy in the left ovary of a woman, aged 58, cured by a large incifion made in the fide of the abdomen <i>Houftoun</i>	XXXIII 8	VII 541
— A remarkable cafe of a gentlewoman who died of an hydrops ovarii in the 33d year of her age, after having been tapped 57 times <i>Belchier</i>	XXXVII 279	— 544
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— Further accounts of the fuccefs of injecting me- dicated liquors into the abdomen, in the cafe of an afcites — — — — — <i>Warren</i>	— 47	
— Account of an uncommon dropfy from the want of a kidney; and a large faccus that contained the water — — — — — <i>Glafe</i>	XLIV 337	— 1027
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— An account of a fuccefsful operation for the hy- drops pectoris — — — — — <i>Moreland</i>	LVI 302	
— An account of an extraordinary dropfical cafe — — — — — <i>Latham</i>	LXIX 54	
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DROWNING. A comparifon of the times wherein ani- mals may be killed by drowning, or with draw- ing the air — — — — — <i>Boyle</i>		
— Relation of a girl three years old, who remain- ed a quarter of an hour under water without drowning — — — — — <i>Green</i>	V 2028	II 490
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— Observations on the class of sweet tastes, made by comparing the tastes of sweet plants with Mr. L'Emery's chymical analysis of them in his treatise of drugs <i>Floyer</i>	— 1160	V 406
<b>DRYNESS.</b> Observations on the annual evaporation at Liverpool; in Lancashire, and on evaporation, considered as a test of the moisture or dryness of the atmosphere <i>Dobson</i>	LXVII 244	— — —
<b>DUBLIN.</b> An account of the houses and hearths in Dublin, in 1695 and 1696 <i>Anon.</i>	XXII 518	III 665
<b>DUCKS.</b> Observations made about the lasting of ducks, included in the exhausted receiver <i>Boyle</i>	V 2011	II 215
<b>DUCKWEED.</b> A letter concerning animalcula on the roots of duckweed, &c. <i>Leeuwenhoek</i>	XXIV 1784	V 2 267
— A letter concerning some further microscopical observations on the animalcula found upon duckweed <i>Leeuwenhoek</i>	XXVIII 160	— — —
<b>DUCTS.</b> A new discovery of the communication of the ductus thoracicus with the emulgent vein <i>Pecquet</i>	II 461	III 258
— A letter concerning the jaundice; occasioned by a stone obstructing the ductus communis biliaris, which was afterwards voided by stool <i>Musgrave</i>	XXV 2233	V 279
— Annotations upon a discovery pretended to have been made by M. Pecquet, of a communication between the ductus thoracicus and the inferior vena cava <i>Neeham</i>	VII 5007	III 259
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— An enquiry into a discovery said to have been made by Signor Valsalva, of an excretory duct from the glandula renalis to the epididymis - - - <i>Ranby</i>	— 270	— 541
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A letter concerning the fossil found at Dudley, in Staffordshire - - - <i>Da Costa</i>	XLVIII 286	
DULWICH. An account of a new purging spring discovered at Dulwich in Surrey <i>Martyn</i>	XLI 835	VIII 653
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DUNBAR. An account of a production of nature at Dunbar in Scotland, like that of the Giants Causeway in Ireland <i>Bishop of Ossory</i>	LII 98	
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DURA MATER. An anatomical experiment made to discover the true cause of the motion of the dura mater - - - <i>Ridley</i>	XXIII 1480	V 201
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DUST. An account of an earthquake felt at Glasgow and Dumbarton Dec. 30, 1755; also of a shower of dust falling on a ship between Shetland and Iceland - - - <i>Wnytt</i>	XLIX 509	
DWARF. An account of a dwarf; together with a comparison of its dimensions with those of a child under four years of age <i>Baker</i>	XLVI 467	XI 1207
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— A new method of constructing sun-dyals for any given latitude, without the assistance of dialling-scales or logarithmic calculations <i>Ferguson</i>	LVII 389	
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EAGLES. Letter on the Roman eagles <i>Musgrave</i>	XX 145	
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— Part of a letter concerning some things observable in the anatomy of a human ear <i>Adams</i>	XXV 2414	V 206
— A description of the organ of hearing in the elephant, with the figures and situation of the officles, labyrinth, and cochlea, in the ear of that animal - <i>Blair</i>	XXX 885	— 82
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— Account of one who had no ear to music naturally, finging several tunes when in a delirium - <i>Doddridge</i>	XLIV 596	XI 1084
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— Instance to Mr. Hook for communicating a contrivance of making, with a glass of a sphere of 20 or 40 feet diameter, a telescope drawing several hundred feet; and his offer of recompensing that secret with another, teaching to measure with a telescope the distances of objects from the earth - <i>Auzout</i>	— 122	
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— An account of a strange kind of earth taken up near Smyrna, of which is made soap; together with the way of making it <i>Smith</i>	XIX 228	II 457
— An account of a very odd eruption of fire out of a spot of earth near Fierenzola in Italy <i>St. Clair</i>	XX 378	— 385
— A description of the several strata of earths, stone, coals, &c. found in a coal-pit at the west end of Dudley, Staffordshire: to which is added, a table of the specifick gravity of each stratum <i>Fettpiace and Hauksbee</i>	XXVII 541	IV 2 182
— A letter giving an account of a very uncommon sinking of the earth, near Folkestone in Kent <i>Sachetti</i>	XXIX 469	— 2 248
— An account of the several strata of earths and fossils found in sinking the mineral wells at Holt <i>Lewis</i>	XXXV 489	VI 2 225
— An extract of a philosophical account of a new opinion concerning the origin of petrifications found in the earth, which has hitherto been ascribed to the universal deluge <i>Ehrhart</i>	XLIV 163	X 615
— An account of an uncommon phænomenon in Dorsetshire, of flame arising out of the earth <i>Stephens</i>	LH 119	
EARTH (MEDICINE). An observation of the immoderate and fatal use of crab-stones, and such like absorbent earths, from whence have proceeded stones in the stomach and kidneys <i>Breynius</i>	XLI 557	IX 171
EARTHEN-WARE. A method of making a gold-coloured glazing for earthen-ware <i>Hinsius</i>	XLII 188	IX 499
EARTHQUAKES (Nature and causes). Of the nature of earthquakes; more particularly of the origin of the matter of them, from the pyrites alone <i>Lister</i>	XIV 512	II 420
— On the causes of earthquakes <i>Stukeley</i>	XLVI 641	
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— Some considerations on the causes of earthquakes <i>Hales</i>	— 669	— 535
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— An account of the earthquake at Oxford, and the parts adjacent, Sept. 17, 1683	<i>Pigot</i>	XIII 311	— 396,400
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—	<i>P. Ales Burgos</i>	— 830	— 401
— An account of the earthquakes in Sicilia on Jan. 9 and 11, 1692-3	<i>Bonajutus</i>	XVIII 2	— 406
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— An account of the earthquake at Lima, Oct. 20, 1687	<i>Alvarez de Toledo</i>	— 81	— 410
— A relation of the bad condition of the mountains about the Tungarouse, and Batavian Rivers having their source from thence, occasioned by the earthquake between the 4th and 5th of Jan. 1699: drawn up from the account given by Tommagon Porbo Nata (who hath been there)			
—	<i>Tommagon</i>	XXII 595	— 419
— Part of two letters concerning an earthquake, which happened in some places of the north of England Dec. 28, 1703	<i>Thoresby</i>	XXIV 1555	IV 2 210
— A letter concerning a shock of an earthquake felt in the neighbourhood of Sutton, near Dartford in Kent, August 1727	<i>Barrel</i>	XXXV 305	VI 2 200
— Part of a letter giving an account of the late earthquake at Boston in New England, Oct. 29, 1727	<i>Colman</i>	XXXVI 124	— 201
— The history of the earthquake felt at Apulia, and almost all the kingdom of Naples, 1731	<i>Cyrillus</i>	XXXVIII 79	VIII 682
— A letter containing an account of an earthquake at Annapolis in Maryland, Sept. 5, 1725	<i>Lewis</i>	— 119	— 685
— An account of the several earthquakes which have happened in New England since the first settlement of the English in that country, especially of the last, which happened in Oct. 29, 1727	<i>Dudley</i>	XXXIX 63	— —
— An account of a shock of an earthquake felt in Suffex Oct. 25, 1734	<i>Duke of Richmond</i>	— 361	— 690
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An account of an earthquake at Scarborough <i>Johnson</i>	— 804	IX 502
A journal of the shocks of earthquakes felt in New England, from the year 1727 to the year 1741 <i>Plant</i>	XLII 33	VIII 693
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A letter concerning the earthquake at Taunton <i>Foster</i>	XLV 398	X 488
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— A full description, with the use, of the new contrivance for raising water - - - *Papin*

— An account of an engine that consumes smoak, shewn lately at St. German's fair in Paris *Justell*

— Answer to several objections made by Mr. Nuis against his engine for raising water by the rarefaction of the air - - - *Papin*

— A description of an engine to raise water by the help of quicksilver, invented by *J. Haskins*  
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— An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermediate air; with a description of a new machine, whereby pipes may be cleared of air as the water runs along without stand pipes, or the help of any hand *Desaguliers*

— An account of a new engine for raising water by horses, or other animals drawing, without any loss of power; with the strokes of the piston made of any length, to prevent the loss of water by the too frequent opening of valves *Churchman*

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— Two letters concerning horn-like excrecences growing on the fingers, &c. - <i>Wroe</i>	XXIV 1899	V 387
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— An enquiry into a discovery, said to have been made by Sig. Valsalva, of an excretory duct, from the glandula renalis to the epididymis - <i>Ranby</i>	— 270	— 541
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— A way to make two clear spirituous inflammable liquors, which differ very little in taste and smell; and being mixed together, do give a fine carnation colour, without either sensible fermentation or alteration - <i>Geoffroy</i>	XXI 43	— 367
— Observations upon the dissolutions and fermentations which we may call cold, because they are accompanied with a coolness of the liquors into which they pass - <i>Geoffroy</i>	XXII 951	V 421 FERN.



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FERTILITY. Instances, hints, and regulations relating to a main point, solicited in the preface to this fourth volume, concerning the use to be made of vaults, deep wells, and cold conservatories, to find out the cause or to promote the generation of salt, minerals, metals, crystals, gems, stones of divers kinds; and helps to conserve long or to hasten putrefaction, fertility of any kind of land, &c. <i>Beale</i>	IV 1135	II 728
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— A discourse of the operation of a blister when it cures a fever - <i>Cockburn</i>	XXI 161	— 260
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— A relation of a deaf and dumb person who recovered his hearing and speech after a violent fever; with some other medical and chirurgical observations - <i>Martin</i>	— 2469	V [357]
— A letter containing his observations upon the white matter on the tongues of feverish persons - <i>Leeuwenhoek</i>	XXVI 210	V 2 267
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— An account of several persons seized with the gaol-fever working in Newgate, and of the manner in which the infection was communicated to one intire family - <i>Pringle</i>	XLVIII 42	
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— Extract of a letter concerning the fibres of the muscles - - - <i>Leeuwenhoek</i>	XXIX 55	V 390
— Observations upon the membranes enclosing the fasciculi of fibres, into which a muscle is divided - - - <i>Leeuwenhoek</i>	XXXI 129	VII 464
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— Observations on the purple-fish - - - <i>Cole</i>	XV 1278	II 823, 832
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— Letter concerning a shower of fishes <i>Conny</i>	XX 289	— 144
— Letter concerning the chrystalline humour in the eye of whales, fish, and other creatures, and of the use of the eye-lids <i>Leewenhoek</i>	XXIV 1723	V 2 267
— A letter concerning the circulation of the blood in fishes - - - <i>Leewenhoek</i>	XXVI 250	— - -
— An account of some experiments touching the keeping of fishes in water under different circumstances - - - <i>Hauksbee</i>	XXVII 431	IV 2 182
— Observations on the muscular fibres of fish - - - <i>Leewenhoek</i>	XXXI 190	VII 431
— An account of a narhual, or unicorn fish, lately taken in the river Ost, in the Dutchy of Bremen, 1736 - - - <i>Steigerthal</i>	XL 147	IX 71
A description of the same fish <i>Hampe</i>	— 149	— 72
— A method of preparing specimens of fish by drying their skins - - - <i>Gronovius</i>	XLII 52	
— A letter on keeping of small fish in glass jars; and of an easy way of catching fish <i>Arderon</i>	XLIV 23	XI 869
— Abstract of a letter concerning some observations made on the banticle, or prickleback, and also on fish in general - - - <i>Arderon</i>	— 424	— 872
— Extract of a letter concerning the hearing of fish - - - <i>Arderon</i>	XLV 149	— 880
— A letter concerning an extraordinary fish, called in Russia, Quab; and concerning the stones called crabs-eyes - - - <i>Baker</i>	— 174	— 876
— Upon the sounds and hearing of fishes by Jac. Theod. Klein; or some account of a treatise intituled, “An enquiry into the reasons why the author of an epistle concerning the hearing of fishes endeavours to prove they are all mure and deaf - - - <i>Brackleyby</i>	— 233	— 883
— Divers means for preserving from corruption dead birds intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means may be		



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employed for preserving quadrupeds, reptiles, fishes, and insects - <i>Reaumur</i>	XLV 309	
— Observations on keeping fish in glasses <i>Arderon</i>	— 321	XI 871
— The description of a fish shewed to the Royal Society by Ralph Bigland <i>Mortimer</i>	XLVI 518	— 879
Experiments of fish and flesh preserved in lime-water - <i>Hume</i>	XLVIII 163	
— An account of some trials to keep water and fish sweet with lime-water - <i>Hales</i>	— 826	
— An account of Mr. Tull's method of castrating fish - <i>W. Watson</i>	— 870	
— An account of four undescribed fishes of Aleppo - <i>Russel</i>	XLIX 445	
— An account of a remarkable fish taken in the King's Road near Bristol - <i>Ferguson</i>	LIII 170	
— Account of a fish from Batavia, called Jaculator - <i>Schlosser</i>	LIV 89	
Some farther account of the Jaculator fish, from Mr. Hommel of Batavia; together with the description of another species by Dr. Pallas - <i>Hommel and Pallas</i>	LVI 186	
— A letter on some particular fish found in Wales - <i>Barrington</i>	LVII 204	
— Remarks on the very different accounts that have been given of the fecundity of fish, with fresh observations on that subject <i>Harmer</i>	— 280	
— An account of the lymphatic system in fish - <i>Hewson</i>	LIX 204	
— A letter containing an account of a singular fish from the South Seas - <i>Tyson</i>	LXI 247	
— An account of some curious fishes sent from Hudson's Bay - <i>Forster</i>	LXIII 149	
— An account of some poisonous fish in the South Seas - <i>Anderfon</i>	LXVI 544	
— A description of the exocætus volitans, or flying-fish - <i>Brown</i>	LXVIII 791	
FISHERY. A letter concerning pearl-fishing in the north of Ireland - <i>Redding</i>	XVII 659	II 828
— An account of a voyage to Chusan in China; with a description of the island, of the several forts of teas, of the fishing and agriculture of the Chinese, &c. with several observations not hitherto taken notice of - <i>Cunningham</i>	XXIII 1201	V 2 171
— An account of the discovery of the manner of making isinglass in Russia; with a particular description of its manufacture in England, from the produce of British fisheries <i>Jackson</i>	LXIII 1	

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<b>FISTULA LACRYMALIS.</b> Some thoughts on the operation of the fistula lachrymalis <i>Hunauld</i>	XXXIX 54	IX 122
— A new method of treating the fistula lachrymalis — — — <i>Blizard</i>	LXX 239	
<b>FITS.</b> An account of strange epileptick fits <i>Leigh</i>	XXIII 1174	V 366
— Case of a boy troubled with convulsive fits cured by a discharge of worms — — — <i>Oram</i>	L 518	
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<b>FIXED AIR.</b> See <i>Air</i> .		
<b>FLAME.</b> An account of some observations relating to the production of fire and flame; together with an explosion made by a mixture of two liquors actually cold — — — <i>Slare</i>	XVIII 201	III 259
— An account of an uncommon phenomenon in Dorsetshire, of flame arising out of the earth — — — <i>Stephens</i>	LII 119	
<b>FLAMINGO.</b> The natural history and description of the phœnicopterus, or flamingo; with two views of the head and three of the tongue — — — <i>Douglas</i>	XXIX 523	V 63
<b>FLANEL.</b> Extract of a letter concerning the property of new flanel sparkling in the dark <i>Cooke</i>	XLIV 457	X 343
<b>FLEAS.</b> Letter concerning the generation of fleas — — — <i>Cestone</i>	XXI 42	II 789
— Microscopical observations on the proboscis of fleas — — — <i>Leeuwenhoek</i>	XXV 2305	V 2 267
<b>FLESH.</b> Experiments on fish and flesh preserved in lime water — — — <i>Hume</i>	XLVIII 163	
— An account of a curious fleshy coral-like substance, with some observations on it by Mr. John Ellis — — — <i>Schlosser</i>	XLIX 449	
<b>FLIES.</b> A letter on the effects of elder, in preserving growing plants from insects and flies <i>Gullet</i>	LXII 348	
<b>FLOOD.</b> Letter giving an account of a viscous slime left after a flood in the territory of the Landgrave of Thuringue; with observations <i>Bose</i>	XLVIII 358	
<b>FLORENTINE PHILOSOPHERS.</b> See <i>Frost</i> .		
<b>FLOWERS.</b> Several experiments concerning the preserving of flowers, fruit, &c. <i>Southwell</i>	XX 42	II 623, 750
— A letter giving an account of tulips, and of such bulbous plants, flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground — — — <i>Triewald</i>	XXXVII 79	VI 2 54
An account of the same experiments tried the next year by — — — <i>Miller</i>	— 81	— — 355
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— Experiments and observations on bulbous roots, plants, and seeds, growing in water <i>Curteis</i>	XXXVIII <sup>267</sup>	VIII 825
— A letter concerning a zoophyton somewhat resembling the flower of marygold <i>Hughes</i>	XLII 590	IX 111
— Observations upon the sex of flowers, occasioned by a letter upon the same subject by Mr. Mylius of Berlin - - <i>W. Watson</i>	XLVII 169	
FLUENTS. Of the fluents of multinomials and series affected by radical signs, which do not begin to converge till after the second term - - <i>Simpson</i>	XLV 328	X 1
— A disquisition concerning certain fluents which are assignable by the arcs of the conic sections; wherein are investigated some new and useful theorems for computing such fluents <i>Landen</i>	LXI 298	
FLUID (ANIMAL). Experiments to prove the existence of a fluid in the nerves - <i>Stuart</i>	XXXVII <sup>327</sup>	VI 2 22
— Experiments on animal fluids in the exhausted receiver - <i>Darwin</i>	LXIV 344	
FLUIDS (Natural philosophy). New experiments made about the superficial figures of fluids, especially of liquors contiguous to other liquors - - <i>Boyle</i>	XI 775	I 526
- - - <i>Boyle</i>	- 799	- 531
— A description of the apparatus for making experiments on the refractions of fluids; with a table of the specifick gravities, angles of observations, and ratio of refractions of several fluids - - <i>Hauksbee</i>	XXVII 204	IV 2 182
— Experiments relating to the resistance of fluids made before the Royal Society <i>Desaguliers</i>	XXXI 142	VI 299
— A narrative of a new invention of expanding fluids, by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulopneumatical, and other engines, for raising water, and other uses, &c. - - <i>Payne</i>	XLI 821	VIII 638
— Experiments and observations on the compressibility of water, and some other fluids <i>Canton</i>	LIV 261	
— A course of experiments to ascertain the specific buoyancy of cork in different waters; the respective weights and buoyancy of salt water and fresh water; and for determining the exact weight of human and other bodies in fluids - - <i>Wilkinson</i>	LV 95	
— An attempt to explain some of the principal phæ-		



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nomena of electricity by means of an elastic fluid - - - <i>Cavendish</i>	LXI 584	
— Observations and experiments tending to confirm Dr. Ingenhoufz's theory of the electrophorus, and to shew the impermeability of glass to electric fluid - - - <i>Henly</i>	LXVIII 1049	
— See <i>Water</i> .		
FLUX. An account of an extraordinary flux of the blood by the penis - - - <i>Howman</i>	XXXII 418	VII 539
— A discourse concerning the difficulty of curing fluxes - - - <i>Cockburn</i>	XXXVII 385	— 641
FLUXIONS. Some remarkable specimens of the doctrine of fluxions, or examples wherein the use and excellence of that method in solving geometrical problems is shewn <i>De Moivre</i>	XIX 52	I 34
— A letter concerning the dispute about the invention of the method of fluxions, or differential method; with M. Leibnitz's answer <i>Conti</i>	XXX 923	IV 162
FLY. An account of a kind of fly that is viviparous - - - <i>Lister</i>	VI 2170	II 787
— Account of a viviparous fly - - - <i>Lister</i>	XIV 592	— —
— An account of the insect called the vegetable fly - - - <i>W. Watson</i>	LIII 271	
Focus. A method by which a glass of a small plano-convex sphere may be made to refract the rays of light to a focus of a far greater distance than is usual - - - <i>Hook</i>	I 202	I 193
— A direct and geometrical method by which the aphelia, excentricities, and proportion of the orbs of the primary planets may be determined, without supposing the equality of the angle of motion at the other focus of the planet's ellipsis - - - <i>Halley</i>	XI 683	— 258
— An instance of the excellence of the modern algebra, in the resolution of the problem of finding the foci of optick glasses universally <i>Halley</i>	XVII 960	— 183
— Some simple properties of conic sections, deduced from the nature of focus's <i>De Moivre</i>	XXX 622	IV 3
FOETUS. A way of preserving birds taken out of the shells, and other small foetus's <i>Boyle</i>	I 199	III 650
— Extract out of the third and seventh Venetian Giornale de Letterati, concerning the formation of foetus's - - -	VI 2224	
— An account of an odd foetus lately born at Paris - - - <i>Denys</i>	VIII 6157	— 23
— An account concerning the formation of a foetus in the testicle - - - <i>St. Maurice</i>	XIII 285	— 212
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— An account of a foetus lying without the uterus in the belly - - - <i>Savard</i>	XIX 314	III 214
— A letter giving an account of the bones of a foetus voided per anum, some years after conception - - - <i>Morley</i>	— 486	
— An account of a foetus voided by the ulcerated navel of a negro - - - <i>Brodie</i>	— 580	— 219
— Account of a woman who voided the bones of a foetus above the os pubis, and by other extraordinary ways <i>Philosophical Society at Oxford</i>	XX 292	— —
— An extract of a relation containing a remarkable history of a foetus without the womb <i>Fern</i>	XXI 121	- 214, 216
— An account of a woman who voided the greatest part of a foetus by the navel <i>Birbeck</i>	XXII 1000	V 305
— Letter concerning the bones of a human foetus voided through an impostume in the groin - - - <i>Skippon</i>	XXIV 2077	— 306
— An account of a puppy in the womb, that received no nourishment by the mouth <i>Brady</i>	— 2176	- 34[353]
— An account of several extra-uterine foetus's <i>Yonge</i>	XXVI 424	— 306
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— Letter concerning the bones of a dead foetus taken out of the uterus of a cow <i>Sherman</i>	— 450	— 54
— Account of a child's crying in the womb - - - <i>Derham</i>	— 485	— 310
A short dissertation on the child's crying in the womb - - - <i>Derham</i>	— 487	— —
— An account of a foetus that continued 46 years in the mother's body - - - <i>Steigertahl</i>	XXXI 126	VII 554
— An account of an extra-uterine foetus taken out of a woman after death, that had continued five years and a half in the body <i>Houston</i>	XXXII 387	— 555
— Case of the head and ribs of a foetus brought forth by the anus - - - <i>Lindestolpe</i>	XXXIII 171	— 557
— An account of the præternatural delivery of a foetus at the anus - - - <i>Nourse</i>	XXXVI 435	— — 559
— Case of a woman who had a foetus in her abdomen for nine years - - - <i>Bromfield</i>	XLI 697	IX 191
— An account of a monstrous foetus resembling a hooded monkey - - - <i>Gregory</i>	— 764	— 315
— Case of the bones of a foetus coming away by the anus - - - <i>Winthrop</i>	XLIII 304	XI 1015
— A letter concerning the bones of a foetus voided per anum - - - <i>Simon</i>	— 529	— 1016
— An account of a child being taken out of the abdomen, after having lain there upwards of 16 years - - - <i>Myddleton</i>	XLIV 617	— 1017

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— A letter concerning the bones of a foetus being discharged through an ulcer near the navel — <i>Drake</i>	XLV 121	XI 1019
— An abstract of the remarkable case and cure of a woman, from whom a foetus was extracted that had been lodged in one of the fallopian tubes thirteen years — <i>Mounfey</i>	— 131	— 1012
— An account of double foetus's of calves <i>Le Cat</i>	— 497	— 1216
— Some accounts of the foetus in utero, being differently affected by the small-pox <i>W. Watfor</i>	XLVI 235	— 1042
— An account of a monstrous foetus without any mark of sex — <i>Bastler</i>	— 479	— 1208
— Case of a woman from whom the bones of a foetus were extracted — <i>Debenham</i>	XLVII 92	
— Some observations proving, that the foetus is in part nourished by the liquor amnii <i>Fleming</i>	XLIX 254	
— An account of a monstrous human foetus having neither head, heart, lungs, stomach, spleen, pancreas, liver nor kidneys — <i>Le Cat</i>	LVII 1	
— History of a foetus born with a very imperfect brain; to which is subjoined, a supplement of the essay on the use of ganglions <i>Johnston</i>	— 118	
— An account of a very small foetus brought into the world, at the same time with a child at its full growth — <i>Warner</i>	LX 453	
Fogs. — A letter inclosing an account of some observations on atmospherical electricity, in regard of fogs, mists, &c. with some remarks <i>Ronayne</i>	LXII 137	
— An account of some new experiments in electricity, containing, 1. An enquiry whether vapour be a conductor of electricity. 2. Some experiments to ascertain the direction of the electric matter in the discharge of the Leyden bottle. 3. Experiments on the lateral explosion in the discharge of the Leyden bottle. 4. The description and use of a new prime conductor. 5. Miscellaneous experiments made principally in 1771 and 1772. 6. Experiments and observations on the electricity of fogs, in pursuance of those made by Thomas Ronayne, Esq. with a plan of an electrical journal, &c. — <i>Henley</i>	LXIV 389	
FOLIATE. A ready description and quadrature of a curve of the third order, resembling that commonly called foliate — <i>De Moivre</i>	XXIX 329	IV 24
FOLKESTONE. Account of a very uncommon sinking of the earth near Folkestone in Kent <i>Sachetti</i>	— 469	IV 2 248



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FOOD.	An abstract concerning a strange preservation of four men in a mine 24 days without food		
—	— — — — — <i>Anon.</i>	XIV 577	
—	A query concerning the food of the humming bird — — — — — <i>Grew</i>	XVII 815	II 854
—	Letter concerning men's feeding on flesh <i>Wallis</i>	XXII 769	V 1
—	Answer — — — — — <i>Tyson</i>	— 774	
—	Second letter — — — — — <i>Wallis</i>	— 783	
—	Copy of an affidavit made in Scotland of a boy's living a considerable time without food <i>Blair</i>	XXXI 28	VII 668
—	An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c: also to sweeten stinking water — — — — — <i>Hales</i>	XLIV 339	
—	An account of a woman in the shire of Ross living without food or drink <i>Mackenzie</i>	LXVII 1	
—	See <i>Boulimia</i> .		
FOOT (Mathematics).	A letter touching the invention of dividing a foot into many thousand parts for mathematical purposes — — — — — <i>Townley</i>	II 457	I 218
—	More ways for the same purposes	— 459	— 220
—	A description of the instrument for dividing a foot into many thousand parts, and thereby measuring the diameters of planets to great exactness — — — — —	— 541	— 219
—	An enquiry into the measure of the Roman foot — — — — — <i>Raper</i>	LI 774	
FOOT (Physic).	Account of a bristle that was lodged in a gentleman's foot, and caused a violent inflammation — — — — — <i>Arderon</i>	XLIV 192	XI 1114
FORAMEN OVALE.	An extraordinary case of the foramen ovale of the heart being open in an adult — — — — — <i>Amya: d</i>	XXXIX 172	IX 134
—	A letter concerning the foramen ovale being found open in the hearts of adults, and of the figure of the canal of the urethra <i>Le Cal</i>	XLI 681	— —
FORCE.	An account of some experiments for trying the force of great guns — — — — — <i>Greaves</i>	XV 1090	I 495
—	Some experiments and observations on the force of the pressure of the water at great depths	XVII 504	— 521
—	On the laws of centripetal force — — — — — <i>Keil</i>	XXVI 174	IV 359
—	A letter concerning an experiment, whereby it has been attempted to shew the falsity of the common opinion in relation to the force of bodies in motion — — — — — <i>Pemberton</i>	XXXII 57	VI 276

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— An account of some experiments made to prove, that the force of moving bodies is proportionable to their velocities <i>Desaguliers</i>	XXXII 269	VI 281
— Animadversions upon some experiments relating to the force of moving bodies; with two new experiments on the same subject <i>Desaguliers</i>	— 285	— 221
— A remark upon the new opinion relating to the forces of moving bodies, in the case of the collision of non-elastic bodies <i>Eames</i>	XXXIV 183	— 287
— Remarks upon a supposed demonstration, that the moving forces of the same body are not as the velocities, but as the squares of the velocities <i>Eames</i>	— 188	— 289
— Remarks upon some experiments in hydraulics, which seem to prove, that the forces of equal moving bodies are as the squares of their velocities <i>Eames</i>	XXXV 343	— 292
— A letter occasioned by the present controversy among mathematicians, concerning the proportion of velocity and force in bodies in motion <i>Samuel Clarke</i>	— 381	— 294
— An account of an experiment contrived by G. J. s'Gravesande, relating to the force of moving bodies; shewn to the Royal Society by <i>Desaguliers</i>	XXXVIII 143	VIII 235
— Some electrical experiments chiefly regarding the repulsive force of electrical bodies <i>Wheeler</i>	XLI 98	— 406
— A narrative of a new invention of expanding fluids, by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulopneumatical and other engines, for raising water and other uses, &c. <i>Payne</i>	— 821	— 638
— Some new thoughts for discovering whether pendulums are obstructed by any centrifugal force <i>Polenus</i>	XLII 299	— 250
— An inquiry into the measure of the force of bodies in motion; with a proposal of an experimentum crucis, to decide the controversy about it <i>Jurin</i>	XLIII 423	X 174
— An essay on the force of percussion <i>Richardson</i>	LVIII 17	
— A letter containing a demonstration of a law of motion, in the case of a body deflected by two		

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forces tending constantly to two fixed points - - - - - <i>Robertson</i>	LIX 74	
FORCEPS. Observations on fungous excrescences of the bladder, a cutting forceps for extirpating these excrescences, and canulas for treating these diseases - - - <i>Le Gar</i>	XLVII 292	
FOREHEAD. Part of two letters concerning a prodigious os frontis in the medicine school at Leyden - - - - - <i>Molyneux</i>	XV 880	III 2
FOSSIL. Of the abundance of fossil wood found under ground in Lincolnshire - - - <i>Anon.</i>	V 2050	II 423
— Letter concerning Broughton in Lincolnshire; with observations on the shell-fish observed in the quarries about that place - - - <i>De la Pryme</i>	XXII 677	— 428
— Observations on the fossils of Reculver Cliffe; with a note by the publisher, H. Sloane - <i>Gray</i>	— 762	IV 461
— Part of two letters concerning fossils - <i>Lhwyl</i>	XXIV 1566	IV 2 264
— A letter concerning Harwich Cliffe, and the fossil shells found there - - - <i>Dale</i>	— 1568	— - -
— A letter concerning some fossils of Switzerland - - - - - <i>Leeuwenhoek</i>	— 1774	V 2 267
— A catalogue of fossils, shells, metals, minerals, &c. which J. J. Scheuchzer of Zurich sent to J. Petiver - - - - - <i>Petiver</i>	— 2042	IV 2 286
— A catalogue of the minerals, petrified shells, and other fossils, sent from C. M. Spener, of Berlin, to J. Petiver - - - - - <i>Petiver</i>	— 2082	— - -
— Advertisement of a collection of specimens of fossils to be had of Alb. Thomas, for one guinea a set - - - - - <i>Thomas</i>	XXVI 77	— - -
— An account of the impression of the almost entire skeleton of a large animal in a very hard stone found at Elston, near Newark, Nottinghamshire - - - - - <i>Stukeley</i>	XXX 963	— - 272
— An account of elephants teeth and bones found under ground - - - - - <i>Sloane</i>	XXXV 457	
— Of fossil teeth and bones of elephants, part II. - - - - - <i>Sloane</i>	— 497	VI 2 211
— An account of the several strata of earth and fossils found in sinking the mineral well at Holl - - - - - <i>Lewis</i>	— 489	— - 225
— A letter serving to accompany the pictures of an extraordinary fossil skull of an ox with the cores of the horns - - - <i>Klein</i>	XXXVII 427	VII 4 101
— A letter concerning the manuring of land with fossil shells - - - - - <i>Pickering</i>	XLIII 191	X 796
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— Letter concerning an extraordinary large fossil tooth of an elephant - <i>Baker</i>	XLIII 331	X 599
— An account of some fossils found in Ireland - <i>Simon</i>	— 529	— 670
— Letter concerning a non-descript petrified insect - <i>Lyttleton</i>	XLVI 598	— 656
— Further account of the before-mentioned Dudley fossil - <i>Anon.</i>	— 600	— —
— An account of some uncommon fossil bodies - <i>Baker</i>	XLVIII 117	
— A letter concerning the fossil found at Dudley in Staffordshire, and described, N° 496 - <i>Da Costa</i>	— 286	
— An account of some fungitæ, and other curious coralloid fossil bodies - <i>Pennant</i>	XLIX 513	
— Account of a remarkable fossil orthoceratites - <i>Wright</i>	— 670, 672	
— An account of some fossile fruits, and other bodies, found in the island of Shepey <i>Parsons</i>	L 396	
— A short description of some high mountains, in which there is a great quantity of fossile wood - <i>Hollman</i>	LI 506	
— An account of some very large fossil teeth found in North America - <i>Collinson</i>	LVII 464	
— Sequel to the account - <i>Collinson</i>	— 468	
— Some account of a fossil lately found near Christ Church in Hampshire <i>Barrington</i>	LXIII 171	
FOUNTAINS. A particular account of the origin of fountains; and to shew that the rain and snow waters are sufficient to make fountains and rivers run perpetually - <i>Anon.</i>	X 447	II 329
— An account of boiling and other fountains - <i>Robinson</i>	XV 1036	— 349
— An extract of an essay entituled, On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, and the nature of burning fountains, and of those poisonous lakes which the antients called Avernî <i>Brownrigg</i>	LV 236	
FOWL. Anatomical observations in the heads of fowl made at several times - <i>Moulen</i>	XVII 711	— 860
— Method of catching fowl and deer in the island of Ceilan - <i>Strachan</i>	XXIII 1094	V 2 179
— Letter concerning a pin found in the gizzard of a fowl - <i>Regnart</i>	XXIV 2055	V 53
FRACASSATI. A confirmation of the experiments		

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made by Sign. Fracassati in Italy, by injecting acid liquors into the blood - <i>Boyle</i>	II 551	III 232
FRACTIONS. The reduction of rational fractions into more simple ones - <i>De Moivre</i>	XXXII 162	VI 51
— An investigation of some theorems which suggest some remarkable properties of the circle, and are of use in resolving fractions whose denominations are certain multinomials into more simple ones - <i>Landen</i>	XLVIII 566	
— Of the theory of circulating decimal fractions - <i>Robertson</i>	LVIII 207	
FRACTURE. Observations on a fracture in the upper part of the thigh bone - <i>Douglas</i>	XXIX 499	V 388
— Part of a letter concerning a case of chirurgery, which is commonly mistaken for a fracture of the patella - <i>Deverell</i>	XXXI 44	VII 678
— The description and draught of a machine for reducing fractures of the thigh <i>Ettrick</i>	XLI 562	IX 254
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— An account of the trials made in Italy of Campani's new optic glasses - <i>Anon.</i>	— 131	I 485
— A method by which a glass of a small plano-convex sphere may be made to refract the rays of light to a focus of a far greater distance than is usual - <i>Hook</i>	— 202	I 193
— A contest between two artists about optic glasses - <i>Campani and Divini</i>	— 209	—

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— An observation of optic glasses made of rock crystal - <i>Divini</i>	— 362	— 195
— An account of the invention of grinding optic and burning glasses of a figure not spherical - <i>Smethwicke</i>	III 631	— 194
— Method of polishing telescopicall glasses by a turn-lathe; as also the making of an extraordinary burning glass at Milan - <i>Anon.</i>	— 795	— —
— The description of a way said to be new and universal, for working convex spherical glasses upon a plane for all practicable lengths, without other dishes or concave moulds <i>Mancini</i>	III 837	
— The generation of an hyperbolicall cylindroid demonstrated, and the application thereof for grinding hyperbolicall glasses hinted at <i>Wren</i>	IV 961	I 188
— A description of Dr. Chr. Wren's engine designed for grinding hyperbolicall glasses, as it was in a manner promised, vol. III. p. 962 <i>Wren</i>	— 1059	— 189
— The effects of the different refractions of the rays in telescopicall glasses - <i>Anon.</i>	VIII 6086	— 156
— A sure and easy way to make all sorts of great telescopicall glasses, with a generous offer of furnishing industrious astronomers with them - <i>Borelli</i>	XI 691	— 195
— Letter about the making of microscopes with very small and single glasses, and of some other instruments - <i>Butterfield</i>	XII 1026	— 208
— A dioptrick problem why four convex glasses in a telescope shew objects erect <i>Molyneux</i>	XVI 169	— 189
— A way for myopes to use telescopes without eyeglasses; an object becoming as useful to them, and sometimes more, than a combination of glasses - <i>Desaguliers</i>	XXX 1017	IV 188
— A new method of improving and perfecting catadioptrical telescopes, by forming the speculums of glass instead of metal <i>Smith</i>	XLI 326	VIII 113
— Letters relating to a theorem of Mr. Euler, for correcting the aberrations in the object-glasses of refracting telescopes; by <i>Short, Euler, and Dollond</i>	XLVIII 287	
— A report concerning the microscope glasses sent as a present to the Royal Society by father Torre of Naples - <i>Baker</i>	LVI 67	
— A method of working the object glasses of refracting telescopes truly spherical <i>Short</i>	LIX 507	
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— <i>Hauksbee</i>	XXVII 395	IV 2 182
— An account of an experiment concerning the angle required to suspend a drop of oil of oranges at certain stations, between two glass planes, placed in the form of a wedge		
— <i>Hauksbee</i>	— 473	— — —
— Part of a letter concerning the ascent of water between two glass planes	<i>Taylor</i> — 538	— 423
— <i>Hauksbee</i>	— 539	IV 2 182
— An account of an experiment touching the proportions of the ascent of spirit of wine between two glass planes, whose surfaces were placed at certain different distances from each other		
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— Further account	<i>Hauksbee</i> — 155	— — —
— An account of some new experiments relating to the action of glass tubes upon water and quicksilver	<i>Jurin</i> XXX 1083	IV 428
— Two letters concerning the rotatory motion of glass tubes about their axis, when placed in a certain manner before the fire	<i>Wheler</i> XLIII 341	X 551
— An account of some experiments lately made in Holland, upon the fragility of unannealed glass vessels	<i>Anon.</i> — 505	XI 1343
— A memoir on the Lacrymæ Batavicae, or glass drops; the tempering of steel and effervescence; accounted for by the same principle	<i>Le Cat</i> — 175	X 560
— Experiments and observations on the agreement between the specific gravities of the several metals and their colours, when united to glass, as well as those of their other proportions	<i>Delaval</i> LV 10	
— GLETSCHER. Letter concerning the icy and crystalline mountains of Helvetia, called the Gletscher	<i>Muralius</i> IV 982	II 465
— A further description and representation of the icy mountain, called the Gletscher, in the canton of Berne in Helvetia	<i>Jusfel</i> VIII 6191	— —
— GLOBE. The description of a celestial globe made by M. Didier	<i>L'Alleman</i> XII 905	— 378
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— A contrivance to make the poles of the diurnal motion in a coelestial globe pass round the poles of the ecliptic - - - <i>Senex</i>	— 203	— 217
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— An improvement of the coelestial globe <i>Ferguson</i>	XLIV 535	X 156
— Letter concerning the large globes prepared by her late husband, and now sold by herself - - - <i>Mrs. Senex</i>	XLVI 290	— 158
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— Observations on the cicindela volans, or flying glow-worm; with the figure - - - <i>Waller</i>	XV 841	— 761
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— A way of gilding gold upon silver - - - <i>Southwell</i>	XX 296	III 657
— A method of making a gold-coloured glazing for earthen-ware - - - <i>Heinsius</i>	XLII 188	IX 499
— Sequel to the case of Mr. Butler of Moscow, who was strangely affected by mixing verdigris and false leaf-gold with aquafortis - - - <i>Baker</i>	LIV 15	
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is a real marine animal, and not of a mixed nature, between animal and vegetable <i>Ellis</i>	LXVI 1	
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— An extract of a letter concerning the causes of the gout - - <i>Pinelli</i>	XXXV 491	VII 623
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— An account of the burning of several hay-ricks by a fiery exhalation or damp; and of the infectious quality of the grafs of several grounds - - <i>Floyd</i>	XVIII 49	— 181
— Part of two letters concerning several plants which may be usefully cultivated for producing grafs or hay - - <i>Lifter</i>	XIX 412	I 748
— A letter concerning the grubbs destroying the grafs in Norfolk - <i>Baker</i>	XLIV 576	XI 821
— An account of an inverted iris observed on the grafs in September, and another in October 1751 - - <i>Webb</i>	XLVII 248	
GRASSHOPPERS. An account of an extraordinary swarm of grasshoppers in Languedoc <i>Justell</i>	XVI 147	II 788
GRAVIGATION. An account of a notable case of a		dropsy,



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— Experiments concerning the time required in the descent of different bodies, of different magnitudes and weights, in common air, from a certain height - <i>Hauksbee</i>	XXVII 196	— - 182
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— On the computation of the sun's distance from the earth by the theory of gravity <i>Horsley</i>	LIX 153	
— Reflections on the communication of motion by impact and gravity - <i>Milner</i>	LXVIII 344	
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— A discourse on this problem; why bodies, dissolved in menstrua specifically lighter than themselves, swim therein <i>W. Molyneux</i>	— 88	— 355
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— Experiments and obfervations on the agreement between the fpecific gravities of the feveral metals and their colours when united to glafs, as well as thofe of their other proportions - <i>Delaval</i>	LV 10	
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Gozo, who had been passed over in silence by all the antient writers	Transf. Swinton	LX 80	Abridg.
— An enquiry into the value of Greek and Roman money	Raper	LXI 462	
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— A catalogue of some Guinea plants sent to James Periver, with their native names and virtues, and remarks on them by <i>Petiver</i>	XIX 677	II 752
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— A description of the uses of a certain powder for yeilding very close and smooth metal, and of easy carriage, &c. (for casting of guns) <i>Ahon.</i>	VIII 6040	II 557
— An account of some experiments for trying the force of great guns <i>Greaves</i>	XV 1090	I 495
— A discourse concerning gravity and its properties, wherein the descent of heavy bodies, and the motion of projects, is briefly but fully handled; together with the solution of a problem of great use in gunnery <i>Halley</i>	XVI 3	— 472, 473
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— A proposition of general use in the art of gunnery; shewing the rule of laying a mortar to pass, in order to strike any object above or below the horizon <i>Halley</i>	XIX 68	— 481, 483
— The report of the committee of the Royal Society appointed to examine some questions in gunnery <i>Committee of the Royal Society</i>	XLII 172	VIII 253
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— An experiment of firing gun-powder on a red-hot iron in vacuo Boyliano <i>Hauksbee</i>	XXIV 1806	IV 2 171
— An account of an experiment touching the quantity of air produced from a certain		quantity

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— The relation of a storm of thunder, lightening, and hail, at Oundle in Northamptonshire - <i>W. R.</i>	XVII 710	
— Extract of a letter giving an account of an unusual storm of hail, which fell at, Lisle in Flanders May 25, 1686 - <i>Anon.</i>	— 858	II 145
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— An account of an unusual parhelion and halo Apr. 7, 1699 - - - <i>Gray</i>	XXII 535	II 188
— An account of two mock sun's, and an arc of a rainbow inverted, with an halo, and its brightest arc seen on Sunday and Monday, Oct. 22 and 23, 1721, at Lyndon in Rutland <i>Whiston</i>	XXXI 212	VI 2 76
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— A relation of a person who voided many hydatides in her urine	<i>Davies</i> XXII 897	V 2 283
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— An account of experiments concerning the proportion of the power of the load-stone at different distances - - - <i>Hauksbee</i>	XXVII 506	IV 2 295
— An account of some magnetical observations made in the months of May, June, and July, 1732, in the Atlantic and western ocean; as also the description of a water-spout <i>Harris</i>	XXXVIII 75	VIII 742
— An account of an experiment in order to discover the law of magnetical attraction <i>Taylor, Hauksbee</i>	XXIX 294	— - 297
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— An observation of the magnetic-needle being so affected by great cold that it could not traverse - - - <i>Middleton</i>	XL 310	VIII 741
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— An abstract of a letter concerning the making of magnets without a load-stone - - - <i>Marcel</i>	XXXVII 294	— - 270
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— An account of the magnetical machine, contrived by the late Dr. Gowin, Knight		
— Account of Dr. Knight's method of making artificial load-stones - <i>Fothergill</i>	LXVI 591	
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— An observation concerning the declination of the, needle made at Rome about the beginning of 1670 - <i>D. B.</i>	III 7 26	II 607
— Letter concerning some supposed alteration of the meridian line, which may affect the declination of the magnetic needle and the pole's elevation - <i>Azout</i>	V 1184	— 608
— Observations on the dipping needle made at London 1723 - <i>Wallis</i>	XXI 285	I 265
— Observations of the declination of the magnetic needle, the effects of cold, longitude and latitude made at prince of Wales's Fort, upon Churchill-River in Hudson's Bay, North-America - <i>Graham</i>	XXXIII 332	VI 2 28
— Experiments on two dipping needles which were made agreeable to a plan of the reverend Mr. Michell - <i>Middleton</i>	XLII 157	VIII 469
— Description of a new dipping needle - <i>Nairne</i>	LXII 476	
— Experiments made on the dipping needle by desire of the Royal Society 1775 - <i>Lorimer</i>	LXV 79	
— An account of observations on the dipping needle, made at Albany Fort, in Hudson's Bay - <i>Hutchins</i>	— 129	
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— A narrative of the strange effects of thunder upon a magnetic card - <i>Colepreff</i>	II 502	
— Several observations of the respect of the needle to a piece of iron held perpendicular, made by the master of a ship crossing the equinoctial line 1684 - <i>Anon.</i>	XI 647	II 180
— Letter concerning a new sort of a magnetical compass, with several curious magnetical experiments - <i>Anon.</i>	XV 1213	
— Part of a letter giving an account of several mag-	XVI 344	II 620



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— Concerning the magnetism of drills <i>Leeuwenhoek</i>	XIX 512	III 685
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— A letter on the strength of magnets <i>Taylor</i>	XXXI 204	VI - 253
— An account of a treatise entitled "Calculations and tables relating to the attractive virtue of load-stones" <i>Muschenbroeck</i>	XXXIII 370	— - 255
— Magnetical observations and experiments <i>Anon.</i>	XXXVI 245	— - 304
— An abstract of a letter concerning experiments made on the Indian magnetick sand <i>Savery</i>	XXXVI 295	— - 260
— An account of an extraordinary effect of lightning in communicating magnetism, at Wakefield in Yorkshire <i>Muschenbroeck</i>	XXXVIII 297	VIII 737
— A farther account of the above lightning <i>Dod</i>	XXXIX 74	— 504
— Extract from the journal books of the Royal Society concerning magnets having more poles than two <i>Cookson</i>	— 75	— 505
— An account of some magnetical experiments made before the Royal Society, June 24, 1736 and April 24, 1737 <i>Eames</i>	XL 383	— 740
— An account of some magnetical experiments shewed before the Royal Society Nov. 15, 1744 <i>Defaguliers</i>	— 385	— —
— A letter concerning the poles of Magnets being variously placed <i>Knight</i>	XLIII 161	X 678
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— A theory of the variation of the magnetical compass - - - <i>Halley</i>	XIII 208	II 610
— Account of the variation of the needle at Cabo Cors Castle, on the coast of Guiney <i>Heathcott</i>	XIV 578	
— Repetition of the observations on the variation of the magnetic needle made at Norimberg some years past, in the present year 1685 <i>Volckamer, Wurtelbaur, and Eimmart</i>	XV 1253	— 609
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— A demonstration of an error committed by common surveyors in comparing of surveys taken at long intervals of time, arising from the variation of the magnetic needle <i>Molyneux</i>	XIX 625	I 125
— Observations on the thermometer and magnetic needle in his voyage to the Cape of Good Hope 1700 - - - <i>Cuninghame</i>	XXII 577	
— Letter concerning captain Edmund Halley's map of magnetic variations, and some other things relating to the magnet - - <i>Wallis</i>	XXIII 1106	IV 2 286
— Observations upon the variation of the needle made in the Baltick in 1720. - <i>Sanderfon</i>	XXXI 120	
— The variation of the magnetical compass observed in a passage from Cape St. Lucar in California to the isle of Guam or Guana, one of the Ladrões, with some remarks thereon <i>Rogers</i>	— 173	VI 2 286
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— An account of observations made of the variation of the horizontal needle at London, in the latter part of the year 1722, and beginning of the year 1723 - <i>Graham</i>	XXXIII 96	— - 290
— An account of an unusual agitation in the magnetical needle, observed to last some time in a voyage from Maryland - <i>Hoxton</i>	XXXVII 53	— - 304
— Observations of the variations of the needle and weather, made in a voyage to Hudson's Bay in 1731 - <i>Middleton</i>	XXXVIII 127	VIII 468

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— Observations of the latitude, variation of the magnetic needle, and weather, made in a voyage from London to Hudſon's Bay, 1735 <i>Middleton</i>	XXXIX 270	VIII 376
— The variation of the magnetic needle as obſerved in three voyages from London to Maryland — — <i>Hoxton</i>	XLI 171	— 744
— Some obſervations made during the laſt three years of the quantity of the variation of the magnetic horizontal needle to the weſtward <i>Graham</i>	XLV 279	X 698
— Letter concerning the variation of the magnetic needle — — <i>Wargentin</i>	XLVII 126	
— An attempt to point out, in a concise manner, the advantages which will accrue from a periodic review of the variation of the magnetic needle throughout the known world, addreſſed to the Royal Society by William Mountaine and James Dodſon, and requeſting their contribution thereto, by communicating ſuch obſervations concerning it as they have lately made and can procure from their correſpondents in foreign parts <i>Mountaine and Dodſon</i>	XLVIII 875	
— A letter concerning the variation of the magnetic needle, with a ſet of tables annexed, which exhibit the reſult of upwards of fifty thouſand obſervations in fix periodic reviews from 1700 to 1756; and are adapted to every five degrees of latitude and longitude in the more frequented oceans <i>Mountaine and Dodſon</i>	L 329	
— An attempt to account for the regular diurnal variation of the horizontal magnetic needle; and alſo for its irregular variation at the time of an aurora borealis — <i>Canton</i>	LP 398	
— A letter containing ſome obſervations on the variation of the magnetic needle, made on board the Montagu man of war in 1760, 1761, 1762 — — <i>Rofs</i>	LVI 216	
— The variation of the compaſs; containing 1719 obſervations to, in, and from, the Eaſt-Indies, Guinea, Weſt-Indies, and Medierranean, with the latitudes and longitudes at the time of obſervation — <i>Douglas</i>	LXVI 18	
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MAIZE. The description, culture, and use of maize	<i>Winthorpe</i> XII 1065	II 630
— The extract of a letter concerning the improvements to be made by maize; with a note on the same by John Ray	<i>Bulkley</i> XVII 938	— 634
— An account of the maize or Indian corn	<i>Cooke</i> LXI 205	X 752
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MALHOLM TARN. A description of a large lake called Malholm Tarn, near Skipton, in Craven, Yorkshire	<i>Fuller</i> XLI 612	VIII 641
MALLEUS. An account of the case of a boy who had the Malleus of each ear, and one of the incus drop out	<i>Morant</i> LII 264	
MALLOW. A letter concerning the wonderful increase of the seed of plants, <i>e. g.</i> of the up right mallow	<i>Hobson</i> XLII 320	VIII 824
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— Some account of the manna tree - - - <i>Cirillo</i>	LX 233	X 776
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— An account of the discovery of the manner of making isinglass in Russia, with a particular description of its manufacture in England, from the produce of British fisheries <i>Jackson</i>	LXIII 1	
MANURE. Part of a letter concerning the manuring of land in Devonshire with sea sand <i>Bury</i>	XXVI 142	IV 2 301
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— A letter concerning some Indian manuscripts, lately sent to the university of Oxford <i>Lewis</i>	XX 421	II 397
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— Letter judging of the age of MSS. the style of learned authors, painters, musicians, &c. <i>Wanley</i>	XXIV 1993	V 2 1
— A letter giving an account of what manuscripts were left by Mr. John Ray - <i>Dale</i>	XXV 2282	V 184
— Remarks on a vellum manuscript <i>Schelhammer</i>	XXVII 459	
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— An ingenious proposal for a new sort of maps of countries, together with tables of sands and clays, such chiefly as are found in the north parts of England - - - <i>Lister</i>	XIV 739	II 450
— An account of a large and curious map of the great Tartary - - - <i>Witfen</i>	XVII 499	
— A letter containing a geographical description and map of the kingdom of Tunis, with a postscript relating to the cure of intermittent fevers, in those parts - - - <i>Shaw</i>	XXXVI 177	VI 423
— The construction and use of spherical maps, or such as are delineated upon portions of a spherical surface. - - - <i>Colson</i>	XXXIX 204	VIII 354
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— Some account of a new map of the river Volga	<i>Mountaine</i> L 563	
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— A suggestion for retrieving the art of hardening and tempering steel for cutting porphyre and other hard marbles	<i>Ketcher and Bird</i> I 125	I 603
— Method of colouring marbles	<i>Anon.</i> VIII 6010 XXII 727	II 599 IV 2 205
— An extract of a letter concerning a quarry of marble in the county of Farnanagh in Ireland	<i>Nevill</i> XXVIII 278	— 206
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MARS. Observations of the planet Mars made at London in February and March, 1665-6	<i>Hook</i> I 239	I 423
Observations made in Italy, confirming the former and withal fixing the period of the revolution of Mars	<i>Cassini</i> I 242	
— An observation of the planet Mars	<i>Flamsteed</i> VII 5118	— 424
— Observations on Mars in the autumn of 1736 made at Berlin	<i>Kirch</i> XLI 573	
— (Occultations of) An occultation of Mars, and certain fixt stars, observed at Dantzic, September 1, 1676	<i>Hevelius</i> XI 721	— 350
— An observation of Mars covered by the Moon, Aug. 21, at Greenwich	<i>Flamsteed</i> — 723	
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— Observations of the occultation of Mars by the the moon, October 7, 1736, Fleet-street	<i>Graham</i> XL 100	VIII 186 Covent.

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— (Conjunctions of) A short account of three great conjunctions of Saturn, Jupiter, and Mars, at Dantzick, in 1682 and 1683 <i>Hevelius</i>	XIII 325	I 357
— (Parallax of) Comparison of observations made relating to the parallax of Mars at the Cape of Good Hope, by Mr. De La Caillè, and at Greenwich by Dr. Bradley <i>De L'Isle</i>	XLVIII 512	
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— Of the house and Sand-Martin - <i>White</i>	LXIV 196	
— Of the torpidity of swallows and martins <i>Cornish</i>	LXV 258	
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— A description of a mathematic historical table <i>Mangola</i>	VII 5067	
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— Some easy methods for the measuring of curved-lined figures, plain and solid <i>Wallis</i>	XXII 547	I 58
— A solution of the problem proposed in the French Diary, Feb. 1403, by John Bernoulli <i>Craig</i>	XXIV 1527	IV 35
— A general solution of a mathematical problem formerly proposed to the English in the Acta Lipsiensia <i>Anon.</i>	XXIX 399	IV 45
— Extracts from Mr. Gascoigne's and Mr. Crabrie's letters, proving Mr. Gascoigne to have been the inventor of the telescopic sights of mathematical instruments, and not the French <i>Derham</i>	XXX 603	— 345
— A solution of the problem of G. G. Leibnitz, lately proposed to the English <i>Taylor</i>	XXX 695	— 46
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— A demonstration of two theorems mentioned in Article XXV. of the Philosophical Transactions for the year 1775 <i>Hutton</i>	LXVI 600	
— The general mathematical laws which regulate and extend proportion universally; or a method of comparing magnitudes of any kind together, in all the possible degrees of increase and decrease <i>Glenie</i>	LXVII 450	
MATLOCK. Account of the petrefactions near Matlock Baths in Derbyshire, with conjectures concerning petrefactions in general <i>Gilks</i>		
— Experiments and observations on the waters of Buxton and Matlock in Derbyshire <i>Percival</i>	XLI 352	VIII 707
— A description of a petrified stratum formed from the waters of Matlock in Derbyshire <i>Dobson</i>	LXII 455	
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MATTER. Some theorems respecting the infinite divisibility of matter <i>Keil</i>	XXIX 82	IV 423
— An account of an experiment to shew by a new proof, that bodies of the same bulk do not contain equal quantities of matter, and, that therefore there is an interspersed vacuum <i>Desaguliers</i>	XXXI 81	VI 2 157



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— (Phyfic) Case of a large quantity of matter or water contained in cyftes or bags adhering to the peritonæum, and not communicating with the cavity of the abdomen - <i>Graham</i>	XLI 708	IX 187
MATRIX. An account of a woman who had a double matrix - - - <i>Vassal</i>	IV 969	III 205
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MAXIMA. Of the tangents of curves deduced immediately from the theory of maxima and minima <i>Ditton</i>	XXIII 1333	IV 7
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— An account of the analogy betwixt English weights and measures of capacity <i>Barlow</i>	XLI 457	IX 488
— An account of the proportions of the English and French measures and weights from the standard of the same kept at the Royal Society	XLII 185	IX 489
— A new experiment of the proportion of the English and French measures <i>Masfelyne and Bird</i>	LVIII 326	
MECHANICS. Universal solution of cubic and bi-quadratic equations, viz. analytical, geometrical, and mechanical - - <i>Colson</i>	XXV 2353	IV 66
MECHANICS. An account of an experiment explaining a mechanical paradox, viz. that two bodies of equal weight, suspended on a certain sort of balance, do not lose their equilibrium, by being removed one farther from, the other nearer to the center - <i>Desaguliers</i>	XXXVII 125	VI 310
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— The properties of the mechanic powers demonstrated, with some observations on the methods that have been commonly used for that purpose - <i>Hamilton</i>	LIII 103	
— A memoir concerning the most advantageous construction of water-wheels, &c. <i>Mallet</i>	LVII 372	
— An experimental examination of the quantity and proportion of mechanic power, necessary to be employed in giving different degrees of velocity to heavy bodies, from a state of rest <i>Smeaton</i>	LXVI 450	
MEDALS. An easy method of procuring the true impression or figure of medals, coins, &c. <i>Baker</i>	XLIII 77	
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— An extract of a letter containing some remarks of an undescribed plant, and some particulars observed in Wales, by - <i>Lbwyd</i>	— 275	V 2 122
— An account of divers rare plants observed in 1714, in several gardens about London, and particularly the Apothecaries Physic Garden, at Chelsea - - <i>Petiver</i>	XXIX 229 — 269 — 353	IV 2 325 — - —
— A new genus of plants, called <i>Araliastrum</i> , of which the famous nin-zin or gin-seng of the Chinese, is a species - <i>Vaillant</i>	XXX 705	— - 319
— A discourse concerning a method of discovering the virtues of plants by their external structure <i>Blair</i>	XXXI 30	VI 2 362
— Observations upon the seeds of plants <i>Leuwenhoek</i>	— 200	— - 334
— Observations upon the generation of plants <i>Blair</i>	— 216	— - 345
— Observations on some plants in New England, with remarkable instances of the nature and power of vegetation - - <i>Dudley</i>	XXXIII 194	— - 342
— Memoirs containing a description of a new family of plants called <i>Oxyoides</i> - <i>Garcin</i>	XXXVI 377	— - 357
— Some remarks on the family of plants called <i>Musa</i> - - <i>Garcin</i>	— —	— - 360
— A botanical invitation to forward an history of the plants in Swisserland <i>Scheuchzer</i>	XXXVII 219	— - 380
— The settling of a new genus of plants, called after the Maleyans, Mangostans <i>Garcin</i>	XXXVIII 232	VIII 755
— Some experiments concerning the impregnation of the seeds of plants - <i>Logan</i>	XXXIX 192	— 804
— Botanical observations, giving more accurate descriptions of certain plants <i>Moebring</i>	XLI 211	— 760
— The discovery of a perfect plant in Semine <i>Baker</i>	— 448	— 806
— A catalogue of plants observed in a journey over the Tyrol Alps - - <i>Ehrhart</i>	— 547	— 768
— A letter concerning the wonderful encrease of the seed of plants, e. g. of the upright mallow <i>Habson</i>	XLII 320	— 824
— The substance of some experiments of planting seeds in moss - - <i>Bonnet</i>	XLV 156	X 795
— An account of the Bishop of London's Garden		

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at Fulham, with a catalogue of the exotic trees remaining in it, June 25, 1751 <i>W. Watson</i>	XLVII 241	
PLANTS. An account of <i>Aphyllon</i> and <i>Dentaria hep-</i> <i>taphylos</i> of Clusius, omitted by Mr. Ray <i>W. Watson</i>	— 428	
— An account of some of the more rare Eng- lish plants observed in Leicestershire <i>Pultney</i>	XLIX 803	
— Some observations upon the sleep of plants; with an account of that faculty, which <i>Lionæus</i> calls <i>Vigilia Florum</i> , with an enumeration of several plants which are subject to that law <i>Pultney</i>	L 506	
— An account of a species of <i>ophris</i> , supposed to be the plant mentioned by <i>Gronovius</i> , in the <i>Flora Virginia</i> , p. 185 — <i>Ehret</i>	LIII 81	
— An account of a new Peruvian plant, lately introduced into the English gardens; the several characters of which differ from all the genera hitherto described — <i>Ehret</i>	— 130	
— A letter on the sexes of plants, and impregnation of vegetables — <i>Stylos</i>	LV 258	
— A letter on the success of his experiments for preserving acorns for a whole year without planting them, so as to be in a state fit for vegetation, with a view to bring over some of the most valuable seeds from the East-Indies, to plant for the benefit of our American Colo- nies — <i>Ellis</i>	LVIII 75	
— A letter on a rare plant found in the Isle of Skye, supposed to be the <i>Eriocaulon decangu-</i> <i>lare</i> — <i>Hope</i>	LIX 241	
— A description and figure of the <i>nyctanthis elon-</i> <i>gata</i> , a new Indian plant — <i>Bergius</i>	LXI 289	
— A letter on the effects of elder in preserving growing plants from insects and flies — <i>Gullet</i>	LXII 348	
— A letter concerning the medicinal effects of a poisonous plant exhibited instead of the water- parsnip — <i>Pultney</i>	— 469	
— An account of three journeys from the Cape Town, in the southern parts of Africa, under- taken for the discovery of new plants; towards the improvement of the Royal Botanical Gar- dens at Kew — <i>Mason</i>	LXVI 268	



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— A confirmation of the assertion, that alcalizate or fixed salt, extracted out of the ashes of vegetables, do not differ from each other		
A continuation of the discourse on the identity of all volatile salts and vinous spirits, with two experiments concerning vegetable salts, perfectly resembling the shape of the plants whence they had been obtained <i>Coxe</i>	— 150	— —
— Observations on the class of sweet tastes, made by comparing the tastes of sweet pants with Mr. L'Emery's chymical analysis of them in his treatise of drugs - <i>Floyer</i>	— 169	— —
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— An account of the impressions of plants on the slates of coals - <i>Da Costa</i>	VIII 6181	II 493
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— A letter concerning a plica Polonica mentioned vol. xxxvii, 50 - <i>Klein</i>	— 427	— —
— A letter concerning a plica Polonica <i>Ames</i>	XLIV 556	XI 950
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— Amendments and notes upon three places in the common text of Pliny's Natural History falsely edited - <i>Halley</i>	XVII 535	
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— Account of a poisonous fish in one of the Bahama Islands - <i>J. Locke</i>	X 312	— 842
— A discourse of the viper, and some other poisons, wrote by Sir Theodore Mayerne, after discoursing with Mr. Pontæus - <i>Mayerne</i>	XVIII 162	— 645 — 814
— Two observations, the one concerning the effects of a poisonous root, the other concerning the virtues of the leaves of hemlock <i>Ray</i>	XIX 634	— 640
— An account of the poisonous qualities of hemlock-water-drop-wort - <i>Ray</i>	XX 84	— 641
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— An account of the poison wood tree in New England - - <i>Dudley</i>	XXXI 145	VI 2 307
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— An account of some experiments on the effects of the poison of the rattle-snake <i>Hall</i>	XXXV 309	VII 412
— An anatomy of the poisonous apparatus of the rattle snake, with an account of the quick effect of its poison - - <i>Ranby</i>	— 377	— 416
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— Some experiments concerning the poisonous quality of the simple distilled water from the lauro-cerasus, or common laurel, made upon dogs at Topping's Hall, Essex, 1731, and others made before the Royal Society in their Repository - - <i>Mortimer</i>	— 163	— - —
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— An account of some persons poisoned by eating boiled hemlock - - <i>W. Watson</i>	XLIII 18	X 763
— Farther remarks concerning mushrooms, occasioned by the Rev. Mr. Pickering's paper, with observations on the poisonous quality of some sort of fungi - <i>W. Watson</i>	— 51	— 790
— A letter concerning the Indian poison sent over from M. Condamine - <i>Brocklesby</i>	XLIV 408	— 1224
— An account of the poisonous root lately found among the Gentian - <i>Brocklesby</i>	XLV 240	— 772
— Experiments made on a great number of living animals, with the poison of Lamas, and of Tincunas - - <i>Herissant</i>	XLVII 75	
— A farther account of the poisonous effects of the cenanthe aquatica succo viroso crocante of Lobel or hemlock drop-wort - <i>W. Watson</i>	L 856	



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— An extract of an essay, entitled, On the Uses of a Knowledge of Mineral Exhalations, when applied to discover the principles and properties of mineral waters, the nature of burning fountains, and of those poisonous lakes which the antients called Averni <i>Brownrigg</i>	LV 236	
— An account of some poisonous fish in the South Seas - - - <i>Anderfon</i>	LXVI 544	
— An account of the American poison called Ticunas - - - <i>Fontana</i>	LXX 163	
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— An account of a polypus taken out of the vena pulmonaris, and of the structure of that vessel	<i>Clarke</i> — 779	— 68
— Letter concerning a polypus found in a dog	<i>Cowper</i> XXII 797	V 221
— An account of a polypus coughed up by the wind-pipe	<i>Muigrave</i> — 690	III 85
— A letter giving an account of a polypus, resembling a branch of the pulmonary vein coughed up by an asthmatic person	<i>Samber</i> XXXIV 262	VII 503
— A letter concerning polypi taken out of the hearts of several sailors, just arrived at Plymouth from the West Indies	<i>Nicholls</i> XXXVII 123	— 504
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— Several papers relating to the fresh water polypus	<i>Anon.</i> — 227	— 19
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— An attempt to account for the rising and falling of the water of some ponds near the sea, or ebbing or flowing rivers, where the water is lowest in the pond, at the time of high water in the sea or river, and the water is the highest in the pond, at the time of low water in the sea or river; as also for the increasing or decreasing of the water of such pools or brooks as are highest in the dry seasons, and lowest in the rainy seasons; with an experiment to illustrate the solution of the phenomena <i>Desaguliers</i>	XXXIII 132	VI 2 165
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— An account of the number of people in the counties of Ardmagh, Lowth, and Meath, and the city of Dublin; with an estimate of the number of people in the kingdom of Ireland, 1695-6 — — <i>South</i>	XXII 520	
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— An extract of the register of the parish of Great Shefford, in Berkshire, for ten years; with observations on the same <i>Forster</i>	L 356	
— Letter concerning the number of people in England <i>Forster</i>	— 457	
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— A supplement to a paper, entitled, “observations on the population of Manchester” <i>Percival</i>	LXVI 160	
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— An essay on the invention of printing, by John Bagford; with an account of his collections for the same - <i>Wanley</i>	XXV 2397	— 18
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— Some propositions on the parabolic motion of projectiles written in 1710 - <i>Taylor</i>	XXXI 151	VI 299
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mote the generation of salt, minerals, metals, crystal, gems, stones of divers kinds, and helps to conserve long, or to hasten putrifaction, fertility of any kind of land &c. <i>Beale</i>	IV 1135	
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— A relation of the bad condition of the mountain about the Tungaroufe and Batavian rivers, having their source from thence, occasioned by the earthquake between the 4th and 5th of Jan. 1699, drawn up from the account given by Tommagan Porbo-Nata (who had been there) <i>Anon.</i>	XXII 595	II 419
— Part of a letter concerning the stocking the river Mene with oysters <i>Rowland</i>	XXXI 250	VII 420
— An account of the river Niagara, taken at Albany, Oct. 10, 1721 <i>Baraffar</i>	XXXII 69	VI 2 173
— Account of the rise of some of the most considerable rivers of Europe <i>Scheuchzer</i>	XXXV 577	VI 2 174
— An account of the sinking of a river near Pontypool, in Monmouthshire, Jan. 1, 1756 <i>Matthews</i>	XLIX 547	
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— A further account of some rock-plants growing in the lead mines of Mendip Hills <i>Beaumont</i>	XIII 276	II 503
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— Some experiments in order to discover the height to which rockets may be made to ascend, and to what distance their light may be seen <i>Ellicott</i>	— 578	— 202
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— An attempt towards the improvement of the method of approximating, in the extension of the roots of equations in numbers <i>Taylor</i>	XXX 610	IV 80
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— Directions for making a machine for finding the roots of equations universally, with the manner of using it	<i>Campbell</i> XXXV 515	VI 9
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— Two observations, the one concerning the effects of a poisonous root, the other concerning the virtues of the leaves of hemlock	<i>Ray</i> XIX 364	
— Observations on the roots of vegetables	<i>Leeuwenhoek</i> — 790	III 685
— A letter giving some account of the roots used by the Indians, in the neighbourhood of Hudson's Bay, to dye porcupine quills	<i>Forster</i> LXII 54	
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— Account of a rupture of the navel	<i>Amyand</i> — 361	— 161
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— An account of the diſeaſe, called ergot in French, from its ſuppoſed cauſe, viz. vitiated rye	<i>Kirkby</i> VIII 6092 <i>Tiſſot</i> LV 106	II 174

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<i>Anon.</i>		
— Some enquiries and suggestions concerning salt for domestic uses; and concerning sheep, to preserve them, and to improve the race of sheep for hardness, and for the finest drapery		
<i>Beal</i>	IX 48	II 364
— A continuation of the discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with a metal; and then making out, that allum is likewise the result of the said sulphur: as also evincing that vitriol, sulphur, and allum, do agree in the saline principles; and, lastly, declaring the nature of the salt in brimstone, and whence it is derived		
<i>Anon.</i>	— 66	— 544
— Microscopical observations of the figure of sugar and salt, and the probable cause of the difference of their taste	X 380	III 683
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— An extract of a letter concerning the salts of wine and vinegar	XV 963	— 685
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— Letter concerning the figures of the salts of crystal - <i>Leeuwenhoek</i>	XX IV 1906	V 2 267
— An extract of a letter containing microscopical observations on the salts of pearls, oyster-shells, &c. - <i>Leeuwenhoek</i>	XXV 2416	— — —
SALTS (Chemistry.) An account of an odd salt extracted out of a metallic substance <i>Lana</i>	VI 3060	III 325
— The principles and causes of the volatilization of salt of tartar, and other fixed salts <i>Von der Becke</i>	VIII 5185	— 320
— A way of extracting a volatile salt and spirit out of vegetables; intimated in vol. viii. p. 7002 <i>Coxe</i>	IX 4	— 326
— A discourse, denying the præ-existence of alcalizate or fixed salts in any subject, before it were exposed to the action of the fire; to which is added, a confirmation of an assertion, delivered in vol. ix. p. 4, 5, and 6, viz. that alcalizate or fixed salts, extracted out of the ashes of vegetables, do not differ from each other; the same being affirmed of volatil salts and vinous spirits - <i>Coxe</i>	IX 50	— 328
— A continuation of a discourse, begun in vol. ix. p. 150, touching the identity of all volatile salts, and vinous spirits; together with two surprising experiments concerning vegetable salts, perfectly resembling the shape of the plants, whence they had been obtained <i>Coxe</i>	— 169	— 333
— Remarks concerning factitious salts <i>F. Redi</i>	XX 281	— 339
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— An account of a large quantity of alcalious salt produced by burning rotten wood <i>Robie</i>	XXXI 121	VII 727
— Observations and experiments on the sal catharticum amarum, commonly called the Epsom salt - - - <i>Brown</i>	XXXII 348	
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— An account of some neutral salts made with vegetable acids, and with the salt of amber; which shews that vegetable acids differ from one another; and that the salt of amber is an acid of a particular kind, and not the same with that of sea salt, or of vitriol, as alledged by many chemical authors <i>Monro</i>	LVII 479	
— A discovery of an indissoluble salt, arising from hempseed, put into water till it becomes putrid <i>Ellis</i>	LIX 138	
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— An easy method to distill fresh water from salt water at sea - - - <i>Newland</i>	LXII 90	
— Actual fire in detonation, produced by the contact of tin-foil, with the salt composed of copper and the nitrous acid <i>Higgins</i>	LXIII 137	
— A letter relating to some specimens of native salts, collected by Dr. Brownrigg, and shewed at a meeting of the Royal Society, June 27, 1774 - - - <i>Brownrigg</i>	LXIV 481	
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— An account of the successful application of salt to wounds, made by the bite of a rattle snake <i>Gale</i>	LV 244	
— An account of the salt purging water of Pitkeathly, in the county of Perth, in Scotland <i>Monro</i>	LXII 15	
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— An account of a salt-spring in Somersetshire <i>Highmore</i>	— 1128	— 351
— Instances, hints, and applications, relating to a main point, solicited in the preface to the fourth volume; concerning the use may be made of vaults, deep wells, and cold conservatories, to find out the cause, or to promote the generation of salt, &c. - <i>Beal</i>	— 1135	II 728
— A relation concerning the sal-gemmæ mines in Poland - - - <i>Anon.</i>	V 1099	— 524
— Discovery of a rock of natural, at Rotherton in Cheshire - - - <i>Martindale</i>	— 2015	— 523
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— An attempt to elucidate two Samnite coins, never before fully explained	<i>Swinton</i> LI 853	
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— An ingenious proposal for a new set of maps of countries, together with tables of sands and clays, such chiefly as are found in the north part of England	<i>Wright</i> III 722	II 455
— Some experiments on a black shining sand brought from Virginia, supposed to contain iron	<i>Lister</i> XIV 739	— 450
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— Part of a letter concerning the manuring of land in Devonshire by sea sand	<i>Leeuwenhoek</i> XXIV 1537	V 2 266
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— A relation of a new island thrown up near the Island of Santerini	<i>Sherard</i> XXVI 67	V 2 196
— A relation of a new island, which was raised up from the bottom of the sea, on the 23d of May 1707, in the bay of Santerini, in the Archipelago	<i>Bourguignon</i> — 200	— 197
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— Experiments concerning the motion of the sap in trees	<i>Merret</i> II 455	II 645
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— Particulars about retarding the ascent of sap, with other queries relating to that subject <i>Tonge</i>	— 2072	I 681
Farther enquiries concerning the running of sap in trees, the keeping of such sap, and brewing with it - <i>Tonge</i>	— 2074	II —
— Extracts of divers letters touching some inquiries and experiments touching the motion of sap in trees; and relating to the question of the circulation of the same - <i>Lifter</i>	VI 2119	— 686 — 689 — 752
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— Microscopical observations about the sap of plants - - - <i>Leeuwenhoek</i>	X 380	III 683
— A letter concerning the tubes, or canals, that convey the yellow sap in the herb called Chelidonium Majus, or Celandine <i>Leeuwenhoek</i>	XXIV 1730	V 2 267
— Observations and experiments relating to the motion of sap in vegetables <i>Bradley</i>	XXIX 486	IV 2 302
— An account of some new experiments, relating to different, and sometimes contrary, motion, of the sap in plants and trees <i>Fairchild</i>	XXXIII 127	VI 2 352
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— (Conjunction) An account of three late conjunctions of Saturn and Jupiter, within the space of seven months; together with an account of what other conjunctions of them have happened for more than 100 years last past, beginning at 1563; and a table computed, whereby to make an estimate of what other conjunctions have happened for the time past, or what will happen for the time to come <i>Flamsteed</i>	XIII 244	— 389
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obductus. Doodii. Raii Hist. tom. III, p. 7  
et Synops. edit. 3, p. 32. Coralloïdes gra-  
nuloſa alba, J. B. tom. III. p. 809. Erica  
marina alba frutescens. Mus. Pet. 50. Ke-  
ratophyton flabelliforme, cortice verrucoso  
obductum. Raii Syn. edit. 3, p. 32

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— Part of a letter containing some microscopical observations upon the animalculæ in semine of young rams - <i>Leeuwenhoek</i>	XXVII 316	— - 267
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— A letter containing a relation of river, and other shells, digged up, together with various vegetable bodies, in a bituminous marshy earth, near, Mear's Ashby, in Northamptonshire - <i>Morton</i>	XXV 2210	— - 181
— An account of some turbinated, bivalve, and univalve shells from the Philippines <i>Camelli</i>	— 2397	V 2 18
— An account of petrified shells by Corn. le Bruyn, illustrated by - <i>Klein</i>	XLI 568	VII 735
— Observations on the hardness of shells <i>Collinson</i>	XLIII 37	XI 861
— A letter concerning the manuring of land with fossil shells - <i>Pickering</i>	— 191	X 796
— A letter containing some observations upon certain shell-fish lodged in a large stone brought from Mahon harbour, by Mr. Samuel More <i>Parsons</i>	XLV 44	XI 862
— Letter concerning the shells of crabs <i>Parsons</i>	XLVII 439	
SHELL-LAC. An account of an experiment touching the freezing of common water tinged with a liquid said to be extracted from shell-lac <i>Hauksbee</i>	XXVI 304	VI 2 182
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SHIELD. Letter concerning a Roman shield <i>Thoresby</i>	XX 205	
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— Some observations about shining flesh <i>Boyle</i>	VII 5108	— 641
— Two instances of something remarkable in shining flesh - <i>Beal</i>	XI 599	— 644
— An account of four sorts of factitious shining substances - <i>Oldenburg</i>	XII 867	— 345
SHIPS. A letter about preserving ships from being worm-eaten - <i>Journal des Scavans</i>	I 190	I 596

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SHIPS. An account of the advantage of Virginia for building ships - - - <i>Anon.</i>	VIII 6015	III 255
— A new way, by an English manufacture, to preserve the hulls of ships from the worm, &c. better for sailing, and more cheap and durable, than any sheathing or graving hitherto used - - - <i>Bulsteel</i>	— 6192	I 596
— An account of the manner of bending planks in his Majesty's yards at Deptford, &c. by a sand heat invented by Captain Cumberland - - - <i>Cay</i>	XXXII 75	VI 467
— An account of a new machine called the marine surveyor, contrived for the mensuration of the way of a ship in the sea, more correctly than by the log, or any other method hitherto used for that purpose, together with several testimonials setting forth the usefulness of this invention - - - <i>Saumarez</i>	XXXIII 411	VI 444
— A further account of a new machine called the marine surveyor, designed for the mensuration of the way of a ship at sea, more certainly than by the log, at present in use, or any other method hitherto invented for that purpose - - - <i>De Saumarez</i>	XXXVI 45	— 456
— An account of the horn of a fish struck several inches into the side of a ship - - - <i>Mortimer</i>	XLI 861	IX 72
— Method of preventing ships from leaking, whose bottoms are eaten by the worms - - - <i>Cook</i>	XLIII 370	XI 1391
— An account of the great benefit of ventilators, in many instances, in preserving the health and lives of people in slave and other transport ships - - - <i>Hales</i>	XLIV 332	
— Observations on the utility of ventilators in a ship - - - <i>Hales</i>	XLVII 211	
— Some experiment upon a machine for measuring the way of a ship at sea - - - <i>Smeaton</i>	XLVIII 532	
— An account of an extraordinary operation in the dock yard at Portsmouth - - - <i>Robertson</i>	L 288	
— Some suggestions concerning the preventing the mischiefs which happen to ships, and their masts, by lightning - - - <i>W. Watson</i>	LII 629	
— An account of the effects of lightning on three ships in the East-Indies, Aug. 1, 1750 - - - <i>Veichi</i>	LIV 284	
— An account of the appearance of lightening on		



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a conductor, fixed from the summit of the main mast of a ship down to the water		
— <i>Winn</i>	LX 188	
— An account of a method for the safe removal of ships that have been driven on shore and damaged in their bottoms, to places (however distant) for repairing them	<i>Barnard</i>	LXX 100
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— Observations on the death of a dog on firing a volley of small shot	<i>Clarke</i>	XIX 779 III 650
— A brief narrative of the shooting of Dr. Robert Fielding; with a musket ball, and its strange manner of coming out of his head, where it had lain near 30 years, written by himself	<i>Fielding</i>	XXVI 317 V 205
— Case of a lad shot through the lungs, drawn up by N. Peters	<i>Hallett</i>	XLIII 151 XI 966
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— A letter containing some remarks on Mr. Jeake's plan for short-hand	<i>Byron</i>	— 388 — 1384
SHOULDER. The description of an instrument for reducing a dislocated shoulder	<i>Freke</i>	XLII 556 IX 264
— An account of a case in which the upper head of the os humeri was sawed off, a large portion of the bone afterwards exfoliated, and yet the entire motion of the limb was preserved	<i>White</i>	LVI 39
— An extraordinary case of three pins swallowed by a girl, and discharged at the shoulder	<i>Lysons</i>	LIX 9
SHROPSHIRE. See <i>Coins</i>		
SHUTTLE. Account of a shuttle-spire taken out of the bladder of a boy	<i>Arderon</i>	XLIII 194 XI 951
SHWAN-PAN. An account of new invented arithmetical instruments, called a swan-pan, or Chinese account table	<i>Smethurst</i>	XLVI 22 X 13
SIBERIA. An account of some observations and experiments made in Siberia, extracted from the preface to the Flora Siberica, five historia plantarum Siberiæ cum tabulis ære incisæ auct. D. Gmelin	<i>Fothergil</i>	XLV 248 XI 1333
— Account of the iron ore lately found in Siberia	<i>Pallas</i>	LXVI 523

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SIDON. A dissertation upon the Phœnician numeral characters antiently used at Sidon <i>Swinton</i>	L 791	
SIEVE. Κεσκιον Ερατοσθενους or the sieve of Eratofthenes, being an account of his method of finding all the prime numbers - <i>Horfeley</i>	LXII 327	
SIGHT. A letter concerning an optical experiment conducive to a decayed sight <i>Anon.</i>	III 727	III 41
With another confirming the former, and adding some other observations about sight <i>Anon.</i>	— 729	II 684
And a note relating to the same <i>Anon.</i>	— 765	
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— The use of telescopic sights in astronomical observations - <i>Hevelius</i>	IX 27	I 221
— Extracts from Mr. Gascoigne's and Mr. Crabtree's letters, proving Mr. Gascoigne to be the inventor of the telescopic sights of mathematical instruments, and not the French <i>Derham</i>	XXX 603	IV 345
— Observations on some deceptions of sight through compound microscopes <i>Gmelin</i>	XLIII 382	X 761
— An account of a remarkable imperfection of sight - - <i>Scott</i>	LXVIII 611	
— See <i>Microscope, Telescope</i>		
SILCHESTER. A description of the town of Silchester in its present state - - <i>Ward</i>	XLV 603	XI 1267
SILK. Observations made on the ordering of silk-worms - - <i>Digges</i>	I 26	II 756
— Account of a book on the designed progress to be made in the breeding of silk-worms, and the making of silk in France - <i>Olaenburg</i>	— 87	
— A letter concerning an unusual way of propagating mulberry trees in Virginia, for the better improvement of the silk work; together with some particulars tending to the good of that plantation - <i>Moray</i>	I 201	— 653
— Of the nature of silk as it is made in Piedmont <i>Aglionby</i>	XXI 183	— 757
— A letter giving several experiments and observations on the production of silk worms, and of their silk in England, as made last summer <i>Barham</i>	XXX 1036	V 19
SILK-POD. An account of a particular species of cocoon, or silk-pod, from America <i>Pullen</i>	LI 54	

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SILK-REEL. A new improved silk-reel <i>Pullein</i>		
SILVER. A way of gilding gold upon silver <i>Southwell</i>	XX 296	III 657
— Observations on the dissolution of silver <i>Leeuwenhoek</i>	XXIII 1430	V 2 266
— Observations on staining the fingers with a solution of silver in aqua fortis <i>Leeuwenhoek</i>	XXIV 1794	— - 267
— Part of a letter concerning the particles of silver dissolved in aqua fortis - <i>Leeuwenhoek</i>	XXV 2425	— - —
— A letter containing some microscopical observations upon the chrytalized particles of silver dissolved in aqua fortis - <i>Leeuwenhoek</i>	XXVII 20	— - —
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SINAI. A letter containing an account of his journey from Cairo, in Egypt, to the Written Mountains in the Desert of Sinai <i>Montagu</i>	LVI 40	
SINGING. An account of one who had no ear to music, naturally singing several tunes in a delirium <i>Doddridge</i>	XLIV 596	XI 1084
SINKING. An account of the subsiding or sinking down of a hill near Clogher, in Ireland <i>Bishop of Clogher</i>	XXVIII 267	IV 2 250
— Account of a very uncommon sinking of the earth near Folkestone in Kent <i>Sacchetti</i>	XXIX 469	— - 248
— An account of the sinking of three oaks into the ground at Manington, in Norfolk <i>Neve</i>	XXX 766	— - 252
— An uncommon sinking of the ground at Lynne in Kent - - <i>Anon.</i>	XXXV 551	VI 2 203
— A narrative of an extraordinary sinking down and sliding away of some ground at Pardices near Auvergne - <i>Anon.</i>	XLI 272	VIII 704
— An account of the sinking down of a piece of ground at Horsford, in Norfolk <i>Arderon</i>	XLIII 527	X 587
SINUOUS ULCERS. An account of the cure of two sinuous ulcers possessing the space of the whole arm, with the extraordinary supply of a callus, which fully answers the purposes of the os humeri, lost in time of cure <i>Fawler</i>	XXV 2466	V 388
SIPHON. A letter concerning the Wurtemberg engine <i>Davis</i>	XV 846	I 537
— The description of a siphon, performing the same things with the Siphon Wurtembergicus <i>Papin</i>	— 847	— 538
— Letter concerning the Siphon Wurtembergicus <i>Reiseli</i>	— 1272	— 539
SIRIUS. Some remarks on a late essay of Mr. Cassini,		wherein



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wherein he proposes to find by observation the parallax and magnitude of Sirius <i>Halley</i>	XXXI 1	VI 163
SIRIUS. A proposal for discovering the annual parallax of Sirius - <i>Maskeelyne</i>	LI 889	
SITUATION. Observations for settling the proportion, which the decrease of heat bears to the height of situation <i>Thomas Heberden</i>	LV 126	
SIZE. On the degree of heat which coagulates the blood, the limph, and the serum of the blood, with an enquiry into the causes of the inflammatory crust, or size, as it is called <i>Hewson</i>	LX 384	
SKELETON. An account of an extraordinary human skeleton, whose vertebræ of the back, the ribs, and several bones down to the os sacrum, were all firmly united into one solid bone, without jointing or cartilage <i>Connor</i>	XIX 21	III 292
— An account of the skeleton of an elephant lately dug up at Tonna - <i>Tentzelius</i>	— 757	II 438
— An account of the impresson of the almost entire skeleton of a large animal, in a very hard stone, found at Elston, near Newark, Nottinghamshire <i>Stukeley</i>	XXX 963	IV 2 272
— An account of part of two human skeletons petrified - - <i>Scheuchzer</i>	XXXIV 38	IV 2 205
— An account of a human skeleton of an extraordinary size, found in a repository at Repton, in Derbyshire, together with some examples of long life - - <i>Degg</i>	XXXV 363	VII 4 29
— An account of an extraordinary skeleton <i>Bishop of Corke</i>	XLI 810	IX 245
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Another account - <i>Shadwell</i>	— 820	— —
— Letter giving an account of a fossil skeleton of a man found near Bakewell, in Derbyshire <i>Gale</i>	XLIII 266	X 793
SKIN. The description and use of the pores in the skin of the hands and feet - <i>Grew</i>	XIV 566	III 9
— Of the scalyness of the skin <i>Leeuwenhoek</i>	XVII 646	— 684
— An extract of a letter on the little scales found on the cuticula - <i>Leeuwenhoek</i>	— 838	— 685
— Microscopical observations on the skin of the hand, &c. - <i>Leeuwenhoek</i>	— 949	— —
— Some remarks upon the disposition of the parts and microscopical observations upon the con- texture of the skin of elephants <i>Leeuwenhoek</i>	XXVII. 518	
— An abstract from the minutes of the Royal		

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Society, containing an uncommon case of a distempered skin - <i>Machin</i>	XXXVII 299	IX 105
SKIN. Account of a remarkable disease of the skin <i>Vater</i>	XXXIX 199	— 117
— A letter concerning the property of water efts in slipping of their skins as serpents do <i>Baker</i>	XLIV 529	XI 857
— An account of an extraordinary disease of the skin, and its cure, accompanied with a letter of the Abbé Nollet - <i>Crufto</i>	XLVIII 579	
— A supplement to the account of a distempered skin, published in vol. xxxvii. p. 299, of the Philosophical Transactions <i>Baker</i>	XLIX 21	
— Extract of a letter concerning the cuticular glove <i>Gooch</i>	LIX 281	
SKINS (Buck and Doe) The method the Indians, in Virginia and Carolina, use to dress buck and doe skins - <i>Southwell</i>	XVII 533	II 825
SKULL. An extract concerning a deformed human skull - <i>Dupre</i>	XXI 138	III 295
— A letter, serving to accompany the pictures of the extraordinary fossil skull of an ox, with the core of the horns - <i>Klein</i>	XXXVII 427	VII 4 101
SKY. Account of a luminous appearance in the sky, seen at London, March 13, 1734-5 <i>Bevis</i>	XLI 347	VIII 670
SLATE. Account of Irish slate <i>Phil. Soc. at Oxford</i>	XX 271	II 462
— Some considerations touching the variety of slate, together with a computation of the charges in general for covering houses therewith - <i>Coleprefs</i>	IV 1009	I 388
SLEEP. An account of a person who took a great quantity of opium without causing sleep <i>Anon.</i>	XXII 999	V [357]
— A relation of an extraordinary sleepy person at Tinsbury, near Bath - <i>Oliver</i>	XXIV 2177	V [353]
SLIME. The anatomy of the slime, within the guts, and the use thereof - <i>Leeuwenhoek</i>	XIV 586	III 684
— Letter giving an account of a viscous slime, or Byffus, left after a flood in the territory of the Landgrave of Thurlingue, with observations thereupon by Mr. Watfon <i>Bofe</i>	XLVIII 358	
SLOES. An account of the mischiefs ensuing the swallowing of the stones of bullace and sloes <i>Derham</i>	XXIX 484	V 267
SLOW-WORM. Of the long continuance of one alive in a vacuum made in the pneumatick engine <i>Boyle</i>	V 2049	III 147
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<b>SMALL-Pox.</b> The case of a woman big with child, who recovered of the small-pox, and was afterwards delivered of a dead child full of the pustules of that distemper <i>Derham</i>	XXVIII 165	V 313
— An account of a remarkable instance of the infection of the small-pox <i>Jurin</i>	XXXII 191	VII 621
— Part of two letters concerning a method of procuring the small-pox, used in South Wales <i>Williams</i>	— 262	— 618
Another letter upon the same subject <i>Williams</i>	— 264	— 619
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— A short account of the anomalous epidemic small-pox, at Plymouth, beginning in August, 1724, and continuing to June, 1725 <i>Huxham</i>	XXXIII 379	— 623
— A letter giving an account of the condition of the town of Hastings, after it had been visited by the small-pox <i>Frewen</i>	XXXVII 108	— 632
— A letter concerning a person who made bloody urine in the small-pox, and recovered <i>Dodd</i>	XLII 559	IX 211
— A letter concerning the use of the Peruvian bark in the small-pox <i>Wilms</i>	XLIV 583	XI 1035
— Case of a lady who was delivered of a child, which had the small-pox appeared in a day or two after its birth <i>Mortimer</i>	XLVI 233	— 1041
Some account of the foetus in utero, differently affected with the small-pox <i>William Watson</i>	— 235	— 1042
— A letter of the use of the bark in the small-pox <i>Bayly</i>	XLVII 27	
— Account of a woman who had the small-pox during pregnancy, and who seemed to have communicated the same disease to the foetus <i>John Hunter</i>	LXX 128	
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<b>SMALT.</b> Letter concerning cobalt, and the preparations of smalt and arsenic <i>Krieg</i>	XXIV 1754	V 420
<b>SMELTS.</b> An account of the degenerating of smelts <i>Dudley</i>	XXXII 231	VI 2 379
<b>SMOAK.</b> An account of an engine that consumes smoak, shewn lately at St. Germain's fair in Paris <i>Justell</i>	XVI 78	III 638
— An account of a case of a young man stupified by the smoak of sea coal <i>Frewen</i>	LII 454	
<b>SMYRNA.</b> Observations in travels from Venice, through Istria, Dalmatia, Greece, and the		



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Archipelago, to Smyrna - <i>Vernon</i>	XI 575	
SNAILS. Extract of a letter concerning the first part of his tables of snails, together with some queries relating to those insects, and the tables themselves - <i>Lister</i>	IX 96	II 112
— Observations concerning the eggs of snails, &c. <i>Leeuwenhoek</i>	XIX 790	III 685
— Observations on the limax non cochleata purpuram ferens, the naked snail, producing purple <i>Peyssonel</i>	L 585	
— A letter concerning the reviviscence of some snails preserved many years in Mr. Simon's cabinet - <i>Macbride and Simon</i>	LXIV 432	
SNAKE. See <i>Rattle-Snake. Serpent.</i>		
SNIPE. An account of a new-discovered species of snipe or tringa - <i>Edwards</i>	L 255	
SNOW. A way of preserving ice and snow by chaffe <i>Ball</i>	I 139	— 240
— Observations touching the nature of snow <i>Grew</i>	VIII 5193	II 148
— A particular account of the origin of fountains, and to shew that the rain and snow waters are sufficient to make fountains and rivers run perpetually - <i>Anon.</i>	X 447	— 329
— Observations concerning some little animals observed in rain, well, sea, and snow water; as also in waters where pepper had lain infused <i>Leeuwenhoek</i>	XII 821	III 683
With the manner of observing them <i>Leeuwenhoek</i>	— 844	— —
— Account of a red snow at Genoa <i>Anon.</i>	— 976	II 148
— Part of a letter, giving an account of a woman who had lain six days covered with snow, without receiving any nourishment, &c. <i>Bowdick</i>	XXVI 265	V [358]
— Observations on the figures of snow <i>Langwith</i>	XXXII 298	VI 2 59
— A relation of observations concerning the falling dew, made at Middleburg, in Zeeland, by Leonard Storke, in the night between the 25th and 26th of July, 1741, with figures of the flocks of snow observed at the same place, Jan. 1742 - <i>Anon.</i>	XLII 112	VIII 502
— An account of a method of observing the wonderful configurations of the smallest shining particles of snow, with several figures of them <i>Nettis</i>	XLIX 644	

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<b>SNOW.</b> An account of what happened at Bergemoletto, by the tumbling down of vast heaps of snow from the mountains there, in March 19, 1755, and several persons taken out alive after being buried under the snow to April 24, <i>Bruni</i>	XLIX 796	
— A letter containing an experiment to ascertain to what quantity of water a fall of snow is equal — — — <i>Brice</i>	LVI 224	
<b>SOAL-FISH.</b> Observations on the food of the soal-fish <i>Collinson</i>	XLIII 37	XI 861
<b>SOAP.</b> An account of a strange kind of earth taken up near Smyrna, of which is made soap, with the method of making it — — — <i>Smith</i>	XIX 228	II 457
— (Used as a medicine) Method of making soap lees and hard soap for medicinal uses <i>Geoffroy</i>	XLII 71	IX 368
— A letter concerning the relief he found in the stone from the use of Alicant soap and lime water — — — <i>Lucas</i>	XLIV 463	XI 1000
— An account of the virtues of soap in dissolving the stone, in the case of the Rev. Mathew Simson — — — <i>Pringle</i>	L 221	
— Observations on the lithontriptic virtue of soap — — — <i>Whytt</i>	— 386	
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<b>SOCIAL WAR.</b> Elucidation of an Etruscan coin, of Poestrum in Lucania, emitted from the mint there about the time of the Social War <i>Swinton</i>	LVIII 246	
<b>SOIL.</b> Remarks upon the nature of the soil of Naples, and its neighbourhood — — — <i>Hamilton</i>	LXI 1 — 48	
<b>SOLANUM LETHALE.</b> A brief botanical and medical history of the solanum lethale, bella donna, or deadly night shade — — — <i>W. Watson</i>	L 62	
<b>SOLIDS.</b> The dimension of the solids generated by the conversion of Hippocrates' Lunula, and of its parts about several axes, with the surfaces generated by that conversion <i>De Moivre</i>	XXII 624	I 29
— A vindication of his problem for finding the solid of least resistance — — — <i>Facijs</i>	XXVII 172	
— A caution to be used in examining the specific gravity of solids by weighing them in water <i>Jurin</i>	XXXI 223	VI 327
— A letter concerning the sections of a solid hitherto not considered by geometers <i>Brakenridge</i>	LI 446	
— Propositions selected from a paper on the divi-		

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SOLUTION. A letter on the solubility of iron in simple water by the intervention of fixed air	<i>Glenie</i> LXVI 73	
SOLWAY Moss. An account of the irruption of Solway Moss on December 16, 1772	<i>Lane</i> LIX 216	
SOMERSETSHIRE. Promiscuous observations made in Somersetshire	<i>Walker</i> LXII 123 <i>Beale</i> I 323 — 359	II 332, 423, 837
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SOMERSHAM-WATER. A letter giving an account of the Somersham water, in the county of Huntingdon	<i>Layard</i> LVI 10	
Experiments on Somersham water	<i>Morris</i> — 22	
SORBUS PYRIFORMIS. Account of the sorbus pyrifomis	<i>Pitt</i> XII 978	— 652
SOREA. An account of the sad mischief befallen the inhabitants of Sorea, near unto the Molucco's, by subterraneous fire, for which they were forced to leave their country	<i>Witzen</i> XIX 49	— 391
SOUNDS. An introductory essay to the doctrine of sounds, containing some proposals for the improvement of acousticks		
<i>Narcissus Bishop of Ferns and Leighlin</i>	XIV 472	I 508
— Some experiments and observations concerning sounds	<i>Walker</i> XX 433	— 506
— An experiment upon the propagation of sound in condensed air; together with a repetition of the same in the open field	<i>Hauksbee</i> XXIV 1902	IV 2 181
An experiment touching the diminution of sound in air rarefied	<i>Hauksbee</i> — 1904	
— Experiments and observations on the motion of sound	<i>Derham</i> XXVI 2	
— Letter on the nature and properties of sound	<i>Grandi</i> — 270	IV 414
— An account of an experiment, shewing that actual sound is not to be transmitted through a vacuum	<i>Hauksbee</i> — 367	IV 2 182
— An account of an experiment, touching the propagation of sound, passing from the sonorous body into the common air, in one direction only	<i>Hauksbee</i> — 369	— — —
— An experiment touching the propagation of sound through water	<i>Hauksbee</i> — 371	— — —
— Enquiry concerning the respective velocities of electricity and sound	<i>W. Watfon</i> XLV 49	X 347



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<b>SOUND.</b> Upon the sounds and hearing of fishes by Jac. Theod. Klein, or some account of a treatise intituled, An enquiry into the reasons why the author of an epistle, concerning the hearing of fishes, endeavours to prove they are all mute and deaf - - - <i>Brocklesby</i>	XLV 233	XI 883
<b>SOWING.</b> See <i>Sembrador</i>		
<b>SPACE.</b> An account of the repetition of an experiment of the late Dr. Hooke's, concerning two liquors, which, when mixed together, will possess less space, than when separate; with another experiment confirming the same <i>Hauksbee</i>	XXVII 325	IV 2 182
<b>SPA-WATERS.</b> An examen of the chalybeat, or Spa-waters, called by the Germans acid, or fowle brunns, or fountains; but proved to be of a contrary nature, that is, alkalis <i>Stare</i>	XXVIII 247	- - 198
— An enquiry into the mineral elastic spirit in Spaw-water - - - <i>Brownrigg</i>	L.V 218	
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<b>SPAIN.</b> Letters concerning some remarkable plants and insects observed in Spain - <i>Breynius</i>	XXIV 2045	V 10
— Some observations on the country of Spain <i>Brice</i>	LVI 229	
<b>SPAR.</b> An enquiry into the original state and properties of spar and sparry productions, particularly the spars or crystals found in the Cornish mines, called the Cornish diamonds <i>Borlase</i>	XLVI 250	X 642
— An attempt to account for the formation of spars and harder crystals - <i>King</i>	LVII 58	
— A letter containing some observations on a singular sparry incrustation found in Somersetshire - - - <i>King</i>	LXIII 241	
<b>SPAWN.</b> Letter concerning the spawn of cod fish, <i>Leewwenboek</i>	XXII 821	V 2 266
<b>SPECIFIC GRAVITY.</b> See <i>Gravity</i>		
<b>SPECULUM.</b> Experiments about making a concave speculum, nearly of a parabolick figure <i>Gray</i>	XIX 787	I 214
— A new method of improving and perfecting catadioptrical telescopes, by forming the speculum of glass instead of metal <i>Smith</i>	XLI 326	VIII 113
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— An account of the making pitch, tar, and oil out of a blackish stone in Shropshire <i>Ele</i>	XIX 544	
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— A description of the several strata of earth, stones, coals, &c. found in a coal pit, at the west end of Dudley, Staffordshire; to which is added a table of the specifick gravity of each stratum <i>Fettiplace and Hauksbee</i>	XXVII 541	IV 2 182
— An account of the impresson of the almost entire skeleton of a large animal in a very hard stone found at Elstou, near Newark, Nottinghamshire <i>Stukely</i>	XXX 963	— - 272
— An account of the filtering stone of Mexico, and compared with other stones, by which it is shewn that it is of little or no use in purifying the waters which have passed through it <i>Vaters</i>	XXXIX 106	VIII 728
— Remarks on stones of a regular figure found near Bagneres, in Gascony <i>Montesquieu</i>	XLIII 26	X 788
— An enquiry concerning the stone osteacolla <i>Beurerus</i>	— 373	— 602
— An account of perfect minute crystal stones <i>Parsons</i>	— 468	— 612
— A letter concerning an extraordinary fish, called in Russia, quab, and concerning the stones called crabs eyes <i>Baker</i>	XLV 174	XI 876
— Letter concerning a flat spheroidal stone, having lines regularly crossing it <i>Platt</i>	XLVI 534	X 638
— A description and figures of a small flat spheroidal stone, having lines formed upon it <i>Mortimer</i>	— 602	— 639
— An account of the impresson on a stone dug up in the island of Antigua <i>Byam</i>	XLIX 295	
— A letter concerning the stones found in Antigua <i>Pond</i>	— 297	
— Remarks on the stones in the county of Nassau, and the territories of Treves and Colon, resembling those of the Giants Causeway, in Ireland <i>Trembly</i>	— 581	
— An account of a large stone near Cape-Town, with a letter from Sir William Hamilton, on having seen some pieces of the said stone <i>Anderson</i>	LXVIII 102	
STONE. (Disorder so called) Account of a great number of stones found in one bladder <i>Goodrick</i>	II 482	III 149
— An account of a stone cut out from under the tongue of a man <i>Lifter</i>	VII 4062	— 155

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<b>STONE. (Disorder)</b> An account of a stone found in the bladder of a dog, and of another fastened to the back-bone of a horse <i>Giornale de Letterati</i>	VII 4094	III 164
— Two observations about stones. one found in the bladder of a dog, the other fastened to the back-bone of a horse <i>Giornale de Letterati</i>	— 4094	— —
— A relation of an human body opened at Dantzick, and of 38 stones found in the bladder thereof <i>Kochly</i>	VIII 6155	— 149
— An observation concerning some stones of a perfect gold-colour found in animals <i>Johnstons</i>	IX 9	— 166
— An account of several human calculus's of an unusual bigness <i>Gardner</i>	XII 843	— 150
— Anatomical observations of an abscess in the liver, a great number of stones in the gall bag and bilious vessels, an unusual conformation of the emulgents and pelves, a strange construction of both kidneys, and a great dilatation of the vena cava <i>Tyson</i>	— 1035	— 81
— An abstract of a treatise on the calculus, in answer to several queries proposed by Sir John Hoskyns <i>Slare</i>	XIV 523	— 178
With a postscript concerning two human calculi of unusual form and bigness <i>Slare</i>	— 534	—
— An account of a stone grown to an iron bodkin in the bladder of a boy <i>Lifter</i>	XV 882	— 162
— An abstract of a letter giving an account of stones voided by siege <i>Threapland</i>	— 961	— 160
— The description of a stone of the bladder <i>Anon.</i>	— 1015	— 150
— Account of stones voided per penem <i>Col</i>	— 1162	— 151
— Description of a large stone voided by urine <i>Anon.</i>	— 1269	— —
— An account of the case of Margaret Lower from the year 1681 <i>Konig</i>	XVI 94	— 170
An examen of the stones sent from Berne <i>Slare</i>	— 140	—
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— Account of a stone of an extraordinary bigness, spontaneously voided though the urethra of a woman at Dublin <i>Mullineux</i>	XVII 817	— 151 — 182
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— An account of a stone of a prodigious size ex-		



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STONE. (Disorder) Of a stone found in the gall bladder of a woman - <i>J. T.</i>	— 111	— 159
— An account of two large stones which lodged in the meatus urinarius for twenty years past, and were from thence cut out <i>Bernard</i>	XIX 250	— 153
— An account of a stone of the bladder which weighed 51 ounces, or three pounds three ounces, and a stone out of the bladder which adhered to it - <i>Preslion</i>	— 310	— 154
— An account of a gentleman's being cut for the stone in the kidney, with a brief inquiry into the antiquity and practice of nephrotomy <i>Anon.</i>	— 333	— 188
— Some additional remarks on the extracting the stone out of the bladder of those of the female sex - <i>Molyneux</i>	XX 11	— 184
— Letter concerning several stones voided by a boy - <i>Sibbald</i>	— 264	— 154
— An account of a stone bred at the root of the tongue, and causing a quinsy - <i>Bonavert</i>	— 440	— 156
— An account of a stone found in the stomach of a lady on dissection, another in the left kidney, and some smaller ones in the gall bladder <i>Clerk</i>	XXI 95	— 159
— Part of a letter giving an account of the new way of cutting for the stone by the Hermit, with his opinion of it - <i>Buffiere</i>	— 100	— 185
— Account of a disease occasioned by swallowing pebble stones; with remarks by Hans Sloane <i>Holt</i>	— 190	— 92
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— A further account of the person mentioned to have swallowed stones - <i>Holt</i>	— 992	V 260
— Account of a ball extracted from a person who had suffered by it 30 years, in which was a plumb-stone - <i>Young</i>	XXIII 1279	— 261
— Some instances of other persons who were hurt by swallowing plumb stones - <i>Sloan</i>	— 1283	— 264
— An account of very large stones voided per urethram - <i>Lbwya</i>	XXIV 1804	— 288
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STONE (Disorder.) A letter concerning the jaundice, occasioned by a stone obstructing the ductus communis bilarius, which was afterwards voided by stool - - - <i>Margram</i>	— 2233	V 279
— Of hydatides inclosed with a stony crust in the kidney of a sheep - - - <i>Cowper</i>	— 2304	— 54
— An abstract out of a letter concerning stones voided by stool; with an answer to it by Dr. Cole - - - <i>Holbrooke</i>	XXVII 28	— 265
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— An account of a new method of cutting for the stone - - - <i>Douglas</i>	XXXII 83	VII 527
— Observations upon dissecting the body of a person troubled with the stone - - - <i>Williams</i>	— 326	— 530
— An account of the cutting of a man who died of the stone in the kidneys - - - <i>Hardisway</i>	— 327	— —
— A letter concerning stones voided per anum - - - <i>Martineau</i>	— 433	— 520
— Remarkable observations on the dissection of a body of one who died of the stone - - - <i>Vater</i>	XXXIV 102	— 531
— An account of a large stone voided through the urinary passages of a woman - - - <i>Beard</i>	— 211	— 534
— An account of a stone taken out of a horse, at Boston, in New-England, 1724. - - - <i>Dudley</i>	— 261	— 440
— An account of several stones found in the kidneys of a person - - - <i>Dohyns</i>	XXXV 452	— 532
— An account of a stone in the bladder breaking spontaneously, and passing off through the urethra - - - <i>Heister</i>	XXXVII 13	— 534
— Of an inguinal rupture, with a pin in the appendix cœci, incruited with stone - - - <i>Amyand</i>	XXXIX 329	IX 153
— A description of a very extraordinary stone or calculus taken out of the bladder of a man after death - - - <i>Caumont</i>	XL 369	— 172
— Another account of the same case - - - <i>Zollman</i>	— 371	— 173
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— An account of the case of a calculus making its way through an old cicatrix in the perinæum - - - <i>Hartley</i>	XLI 349	— 176
— An account of a stone or calculus making its way out through the scrotum - - - <i>Sloane</i>	— 351	— —
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— An account of some remarkable stones taken out of the kidney's of Mrs. Felles after her decease — — — <i>Brevnius</i>	XLI 557	IX 171
— An account of several stones found in bags formed by a protusion of the coats of the bladder, as appeared on opening the body of Mr. Gardiner — — — <i>Sherwood</i>	— 610	— 502
— An account of the case of William Payne, with what appeared upon examining his kidney and bladder — — — <i>Nourse</i>	XLII 11	— 176
— An account of a large stone voided by a woman with her urine — — — <i>Bell</i>	— 54	— 177
— An account of an extraordinary calculus taken out of the body of a boy — — — <i>Revilas</i>	— 363	— 179
— Letter concerning a large stone found in the stomach of a horse — — — <i>Huxham</i>	XLIII 207	XI 976
— An account of a very large stone found in the colon of a horse; and of several stones which were taken from the intestines of a mare; with some experiments and observations thereupon — — — <i>W. Watson</i>	— 268	— 904
— A letter concerning a stone taken out of the bladder of a dog, with a piece of dog grafs in its center — — — <i>Bailey</i>	XLIV 296	— 905
— An account of a lady at Cottered, Hertfordshire, who had a stone under her tongue — — — <i>Fiage</i>	— 335	— 909
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— Relation of a large calculus found in a mare — — — <i>Warner</i>	XLVII 475	
— An account of two extraordinary cases of gall stones — — — <i>W. Watson</i>	XLVIII 800	
— A remarkable instance of four rough stones that were discovered in an human urinary bladder, contrary to the received opinion; and — — — <i>Johnstone</i>	L 543	



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STONE (Disorder.) An account of two stones of remarkable shapes and sizes, which, for the space of six years, were firmly lodged in the urethra of a young man, and successfully cut out from thence - <i>Warner</i>	LI 304	
— An account of a stony concretion taken from the colon of a horse - <i>Baker</i>	— 694	
— The case of a patient, who voided a large stone through the perinæum from the urethra <i>Frewen</i>	LII 258	
— Case of a man who had six stones taken out of the gall bladder - <i>Geach</i>	LIII 231	
— An account of a hernia of the urinary bladder including a stone - <i>Pott</i>	LIV 61	
— An account of a stone voided, without help, from the bladder of a woman - <i>Heberden</i>	LV 128	
— The case of a patient voiding stones through a fistulous fore in the loins, without any concomitant discharge of the urine of the same passage - <i>Simmons</i>	LXIV 108	
STONE. (Remedies for the) An account of the acemella and its stone-dissolving faculty <i>Hotton</i>	XXII 760	
— A proposal to bring small passable stones with ease out of the bladder - <i>Hales</i>	XLIII 502	XI 990
— The effects of the lixivium saponis, taken inwardly by a man aged 75 years, who had the stone, and in whose bladder, after his decease, were found two hundred and fourteen stones <i>Chefelden</i>	XXIV 36	— 992
— A letter concerning the relief found in the stone from the use of Alicant soap and lime water - <i>Lucas</i>	— 463	— 1000
— The case of Horace Walpole, Esq. drawn by himself - <i>Walpole</i>	XLVII 43	
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— An account of the virtues of soap in dissolving the stone in the case of the Rev. Mr. Mathew Simpson - <i>Pringle</i>	— 221	
— Postscript to observations on Lord Walpole's case, with observations on the Lithontriptic virtue		

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STONE. (Operation for the) A description of a catheter made to remedy the inconveniencies which occasioned the leaving off the high operation for the stone <i>Cleland</i>	XLI 844	IX 179
— Remarks on the operation of cutting for the stone <i>Le Cat</i>	XLIII 391	XI 976
— A remarkable case of a person cut for the stone in the new way, commonly called the lateral; by William Cheselden, Esq; <i>Reid</i>	XLIV 33	— 991
— An observation of an operation made by the high apparatus according to M. le Cat's method, in the year 1743, from Philip Henry Zollman <i>Le Cat</i>	— 175	— 995
— Part of a letter concerning the extracting a large stone by an aperture in the urethra <i>Howell</i>	— 215	— 999
— Extract of a letter enclosing a proposal for entirely removing the only real defect in the lateral operation for the stone <i>Mudge</i>	XLVI 24	— 1002
— The operation of lithotomy on women <i>Le Cat</i>	— 97	— 975
STONES. (Precious) Some observations upon gems, or precious stones; more particularly such as the ancients used to engrave upon <i>Dingley</i>	XLIV 502	X 610
— Observations upon some gems similar to the tourmalin <i>Wilson</i>	LII 443	
STOOL. A letter concerning hydatitides voided by stool <i>Musgrave</i>	XXIV 1797	V 281
— A letter concerning the jaundice occasioned by a stone obstructing the ductus communis biliaris, which was afterwards voided by stool <i>Musgrave</i>	XXV 2233	— 279
STORM. Extract of a letter, giving an account of an unusual storm of hail, which fell at Lisle, in Flanders, May 25, 1686 <i>Taylor</i>	XVII 858	II 145
— An account of a great hail storm at Hitchin, in Hertfordshire, May 4, 1697 <i>Taylor</i>	XIX 577	— 147
— A relation of a great hail storm, in Herefordshire, June 6, 1697	— 579	— 148
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— Relation of the effects of a violent storm at Acomack, in America, Oct. 19, 1693, on the rivers of that country <i>Scarburgh</i>	— 659	— 104
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late great storm in Suffex, 1703	Fuller	XXIV 1530	
STORM. A letter containing observations concerning the late storm at Upminster	Derham	— —	IV 2 109
— Part of a letter concerning the late great storm observed at Delft	Leeuwenhoek	— 1535	
— Further account of the said storm	Leeuwenhoek	— 1544	
— An experiment to shew the cause of the descent of the mercury in the barometer in a storm	Hauksbee	— 1629	— - 181
— Part of a letter, giving an account of a storm of thunder and lightning that happened at Ipswich, July 16, 1708	Bridgman	XXVI 137	— 2 128
— The effects of the above storm at Colchester	Nelson	— 140	
— Part of a letter concerning a storm of thunder, lightning, and rain, at Leeds, in Yorkshire, August 5, 1708	Thoresby	— 289	V 2 40
— A letter giving an account of a storm of thunder and lightning which happened near Leeds, in Yorkshire	Thoresby	XXVII 320	IV 2 131
— A letter giving an account of the damage done by a storm of hail which happened near Rotherham, in Yorkshire	Thoresby	— 514	— - 109
— A relation of the effects of a storm of thunder and lightning at Sampford Courtney, in Devonshire, on Oct. 7, 1711	Chamberlayne	— 528	
— A letter concerning the storm, Jan. 8th, 1734-5, at Darlington	Forth	XXXIX 285	
— A letter concerning the storm of thunder which happened June 12, 1748	Miles	XLV 383	X 475
— An account of a storm of thunder and lightning near Ludgvan, in Cornwall, Dec. 20, 1752	Borlase	XLVIII 86	
— An account of the effects of a storm of thunder and lightning in the parishes of Looe and Lanreath, in Cornwall, June 27, 1756	Dyer	L 104	
— Letter on the same subject	Miller	— 107	
— An account of the effects of a storm at Wigton, in Cumberland	Thomlinson	— 194	
— An account of an extraordinary storm of hail in Virginia, July 9, 1758	Fauquier	— 746	
— An account of a storm of thunder and lightning at Norwich, July 13, 1758	Cooper	LI 38	
— An account of the effects of a storm of thunder			



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and lightning at Rickmansworth, in Hertfordshire, July 16, 1759 - <i>Whitfield</i>	LI 282	
STORM. An account of two thunder storms, on July 28, 1761, at Ludgvan church, the other Jan. 11, 1762, at Breag - <i>Borlase</i>	LII 507	
— Account of the effects of a storm of thunder and lightning on Pembroke college, Oxford, Jan 3, 1765 - <i>Griffith</i>	LV 273	
— Observations upon a thunder storm <i>Bergman</i>	LVII 97	
— A letter describing a remarkable storm at Buckland Brewer, Devon, March 2, 1769 <i>Paxton</i>	LIX 79	
— An account of a remarkable thunder storm, Feb. 18, 1770, at St. Keverne, in Cornwall <i>Williams</i>	LXI 71	
— Extract of a letter concerning a thunder and lightning storm, by which Mr. Heartly, of Harrowgate, was killed, Sept. 29, 1772 <i>Kirkshaw</i>	LXIII 177	
— Account of the effects of a thunder storm on the 15th of March, 1733, upon the house of Lord Tylney, at Naples <i>Sir William Hamilton</i>	— 324	
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STOVE. An account of a lately invented stove for preserving plants in the green-house in winter, published at the end of the <i>Calendarium Hortense</i> - <i>Cullum</i>	XVIII 191	II 750
— The manner in which the Chinese heat their rooms - - - <i>De Visme</i>	LXI 59	
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— — Of the currents at the Straight's Mouth	XXXIII 191	VI 2 171
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STRATA. An account of the strata met with in digging for marle, and of horns found under ground in Ireland - - - <i>Kelly</i>	XXXIV 122	— 224
— A description of a petrified stratum formed from the waters of Matlock, Derbyshire <i>Dobson</i>	LXIV 124	
STRAWBERRIES. Microscopical observations on the seeds of figs, strawberries, &c. <i>Leeuwenhoek</i>	XIX 269	III 685
STRING. Concerning the motion of stretched string <i>Taylor</i>	XXVIII 26	IV 391
STUPEFACTION. An account of a case of a young man stupified by the smoke of sea-coal <i>Frewen</i>	LII 454	
STYLE. Letter judging of the age of the MSS of		

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STYLE. (Astronomy) Two letters concerning the al- teration (suggested) of the Julian account for the Gregorian - - - <i>Wallis</i>	XXI 343	III 406
— The report made by Lord Treasurer Burleigh to the Lords of the Council of a consul- tation had, and the examination of the plain and brief discourse by John Dee, for reforming the calendar - - - <i>Anon.</i>	— 355	I 404
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— The conclusion of the Protestant empire Sept. 23, 1699, concerning the calendar <i>Houghton</i>	XXII 459	III 408
— Remarks upon the solar and lunar years, the cycle of 19 years, commonly called the Golden Number, the Epact, and a method of finding the time of Easter, as it is now observed in most parts of Europe <i>Earl of Macclesfield</i>	XLVI 417	X 131
STYPTIC. Notice of an admirable liquor, instantly stopping the blood of arteries pricked or cut, without any suppuration, or without leaving any scar or cicatrice - <i>Denys</i>	VIII 6039	III 252
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— An account of some experiments lately made on dogs, and of the effects of Mr. John Col- batch's styptics on human bodies, by <i>W. Cooper</i>	XVIII 42	— —
— Some observations upon Dr. Eaton's styptic <i>Sprengell</i>	XXXIII 108	VII 563
— Remarks on the use of the styptic, purchased by his most Christian Majesty <i>Faget</i>	XLVII 560	
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STYRAX LIQUIDA. The manner of making styrax liquida, alias, rosa mallas - <i>Petiver</i>	XXVI 44	V 417
SUBMARINES. A description of some coralls, and other curious submarines, lately sent from the Phillippine isles, by G. I. Gamel <i>Petiver</i>	XXIII 1419	V 2 286
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— Letter concerning a substance coughed up resembling the vessels of the lungs <i>Leeuwenhoek</i>	XV 1073	III 685
— Case of a gentlewoman who voided with her urine hairy crustaceous substances; with Sir H. Sloane's answer, containing several observations of extraordinary substances voided by the urinary passages <i>Buffier</i>	XXII 545	— 68
— Case of hair voided by urine <i>Powel and Sloane</i>	XLI 699	IX 180
— A summary of some late observations upon the generation, composition and decomposition of animal and vegetable substances <i>Knight</i>	— 705	— 183
— An account of a curious fleshy coral-like substance, with some observations on it by Mr. John Ellis <i>Needham</i>	XLV 615	X 797
— A description of three substances mentioned by the Arabian physicians, in a paper sent from Aleppo, and translated from the Arabian by <i>Schlosser</i>	XLIX 449	
— A short narrative of the structure and effect of parabolick burning speculums, made by the late Mr. Hoesen, of Dresden; and an account of experiments made with them on the fusion of different substances <i>J. Channing</i>	LVII 21	
— Experiments on ignited bodies <i>Wolfe</i>	LIX 4	
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SUBTERRANEOUS FIRE. A species of subterraneous fire observed in Kent <i>Wolfe</i>	LXIX 11	
SUBTERRANEOUS STEAMS. Some observations on subterraneous steams <i>Nesbitt</i>	XXXV 307	VI 2 199
SUBTERRANEOUS TREE. Observations concerning subterraneous trees in Dagenham, and other marshes bordering upon the river Thames, in the county of Essex <i>Robinson</i>	XV 922	II 349
SUCK. Relation concerning an aged woman of 60 years, giving suck to her grand child <i>Derham</i>	XXVII 478	IV 2 219
— Account of a woman 68 years of age, who gave suck to two of her grand children <i>Anon.</i>	IX 100	III 80
— An account of a man who gave suck to a child <i>Stack</i>	XLI 140	IX 206
SUGAR. Microscopical observations on the figure of sugar and salt, and the probable cause of the difference of their taste <i>Robt. Bishop of Corke</i>	— 810	— 208
— <i>Leeuwenhoek</i>	X 380	III 683 SUGAR.



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<b>SUGAR.</b> An account of a sort of sugar made of the juice of maple in Canada <i>Anon.</i>	XV 988	II 668
— Microscopical observations on the particles of chrystalized sugar <i>Leeuwenhoek</i>	XXVI 444	V 2 388
— Observations upon the nature and properties of sugar <i>Slare</i>	XXVIII 273	V 353
— An account of the method of making sugar from the juice of the maple-tree in New England <i>Dudley</i>	XXXI 27	VI 2 379
— Account of the method of cultivating the sugar cane <i>Cazaud</i>	LXIX 207	
— Knowledge necessary to judge of any kind of sugar <i>Mills</i>	LXX 318	
<b>SULPHUR.</b> A description of a Swedish stone which affords sulphur, vitriol, allum, and minium <i>Talbot</i>	I 375	II 531
— Some observations and experiments about vitriol, tending to find out the nature of that substance, and to give further light in the inquiry after the principles and properties of other minerals <i>Anon.</i>	IX 41	
— A continuation of a discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with, a metal; and then making out, that allum is likewise the result of the said sulphur; as also evincing, that vitriol, sulphur, and allum, do agree in the saline principle; and lastly declaring the nature of the salt in brimstone, and whence it is derived <i>Anon.</i>	IX 66	— 544
— Two letters giving an account of a red colour produced by mixture of a sulphureous spirit with a volatile alcali <i>Gibbons</i>	XIX 542	III 367
— A relation of a stone quarry at Pyrmont, from which a sulphurous smoke issues like that from the cave at Naples, called the Grotto of Dogs, described by Mission, and others <i>Seip</i>	XL 266	VIII 659
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TROCART. A new trocart for the puncture in the hydrocephalus, and for other evacuations which are necessary to be made at different times <i>Le Cat</i>	XLVII 267	
TROPICK. The breath of the sea plants probably the material cause of the trade or tropick winds <i>Lisler</i>	XIV 489	II 129
— An historical account of the trade winds, and monsoons, observable in the seas, between and near the tropicks, with an attempt to assign the physical cause of the said winds <i>Halley</i>	XVI 153	— 153
TROUT. Of the gillaroo trout - <i>Barrington</i>	LXIV 116	
Account of the stomach of the gillaroo trout <i>Henry Watson</i>	— 121	
— Observations on the gillaroo trout, commonly called in Ireland the gizzard trout <i>John Hunter</i>	— 310	
TROY. Short and easy methods for finding the number of Troy pounds contained in any given number of averdupoise pounds, and vice versa <i>Ferguson</i>	LV 61	
TRUFFLES. An account of the tubera terræ, or truffles, found at Rushton in Northamptonshire; with some remarks thereon <i>Robinson</i>	XVII 824	— 624
TRUMPET. An account of the speaking trumpet as it hath been contrived and published by Sir S. Moreland, together with its uses both by sea and land - - <i>Moreland</i>	VI 3056	
— Letter of his improvement of Sir S. Moreland's speaking trumpet, &c. - <i>Conyers</i>	XII 1027	I 505
— A discourse concerning the musical notes of the		



	Transf.	Abridg.
trumpet, and trumpet-marine, and of the defects of the same - - <i>Roberts</i>	XVII 559	I 607
<b>TUBA EUSTACHIANA.</b> A method proposed to restore the hearing when injured from an obstruction of the tuba eustachiana <i>Wathen</i>	XLIV 213	
<b>TUBES.</b> An experiment, shewing that the seemingly spontaneous ascension of water in small tubes open at both ends, is the same in vacuo as in the open air - - <i>Hauksbee</i>	XXV 2223	IV 2 181
— An account of some experiments, with an enquiry into the cause of the ascent and suspension of water in capillary tubes <i>Jurin</i>	XXX 739	IV 423
— An account of some new experiments relating to the action of glass-tubes upon water and quicksilver - - <i>Jurin</i>	— 1083	— 428
— Two letters concerning the rotatory motion of glass tubes about their axes, when placed in a certain manner before the fire - <i>Wheler</i>	XLIII 341	X 551
— An account of experiments relating to odours passing through electrified globes and tubes <i>Winkler</i>	XLVII 231	
An account of the result of some experiments made here with globes and tubes, transmitted by Mr. Winkler to verify the facts above mentioned - - <i>W. Watson</i>	— 236	
<b>TULIPS.</b> Microscopical observations on tulips, &c. <i>Leeuwenhoek</i>	XVII 949	III 685
— A letter giving an account of tulips, and other such bulbous plants, flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground <i>Triewald</i>	XXXVII 79	VI 2 255
An account of the same experiment tried the next year by - <i>Miller</i>	— 81	— - 355
<b>TULL.</b> Account of Mr. Tull's method of castrating fish - - <i>Watson</i>	XLVIII 870	
<b>TUMOUR.</b> The history of a tumour in the lower part of the belly - - <i>Giles</i>	XX 420	
— An account of a very large tumour in the fore part of the neck - - <i>Douglas</i>	XXV 2214	V 213
— An observation of a tumour on the neck full of hydatides, cured by - <i>Hewnden</i>	— 2344	— 216
— An account of an extraordinary tumour or wen lately cut off the cheek of a person in Scotland <i>Bower</i>	XXX 713	— 217
— An account of a præter-natural tumour on the		

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loins of an infant, attended with a cloven spine <i>Rutty</i>	XXXI 98	VII 676
— An extraordinary case in surgery of a tumour <i>Atkinson</i>	XXXIII 340	— 666
— Extract of two uncommon cases of tumours in the abdomen, from a Latin tract published at Strasburg, anno 1728, entitled Boecleri, &c. ad externos medicos epistola <i>Rutty</i>	XXXV 562	— 522
— Two extraordinary cases, one of a large stone in the urethra, occasioned by a venereal infection, the other of a child born with a remarkable tumour on the loins <i>Huxham</i>	XXXVI 257	— 536 — 560
— An account of a large glandular tumour in the pelvis; and of the pernicious effects of crude mercury given inwardly to the patient <i>Cantwell</i>	XL 139	IX 184
— An account of an extraordinary tumour in the knee of a person whose leg was taken off <i>Pierce</i>	XLI 56	— 271
— The case of Grace Lowdell, aged about 60 years, who had an extraordinary tumour on her thigh <i>Chandler</i>	— 365	— 236
— An account of tumours which rendered the bones soft <i>Pott</i>	— 616	— 247
— A letter concerning a child born with an extraordinary tumour near the anus, containing some rudiments of an embryo in it <i>Huxham</i>	XLV 325	XI 1020
— A letter containing the description of a new invented instrument for the extirpation of tumours out of the reach of the surgeon's fingers <i>Le Cat</i>	XLVI 72	— 1084
— The case of an extraordinary tumour growing on the inside of the bladder successfully extirpated <i>Warner</i>	— 414	— 1006
— An account of some extraordinary tumours upon the head of a labouring man <i>Parsons</i>	L 350	
— Case of a young lady who drank sea water for an inflammation and tumour in the upper lip <i>Lavington</i>	LV 6	
— Account of an extraordinary steatomatous tumour, in the abdomen of a woman <i>Hanly</i>	LXI 131	
TUMULI. Extract of a letter concerning some tumuli at Danes Graves, near Kilham, Yorkshire <i>Knowlton</i>	XLIV 101	
TUNQUINESE MEDICINE. The effects of the tun- quinese medicine <i>Reid</i>	XLIII 212	— 1044

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TUNIS. A letter containing a geographical description, and map of the kingdom of Tunis, with a postscript relating to the cure of intermittent fevers in those parts - <i>Shaw</i>	XXXVI 177	VI 423
TURKEYS. An account of two young turkeys joined together by their breasts - <i>Floyer</i>	XXI 434	II 898
— An account of a bird, supposed to have been bred between a turkey and a pheasant <i>Edwards</i>	LI 833	
TURKY. Inquiries for Turkey - <i>Mr. H.</i>	I 360	III 631
— Some communications out of Turkey <i>Anon.</i>	VIII 6017	— 605
TURNIPS. An abstract of a letter concerning the making of turnip bread, in Essex <i>Dale</i>	XVII 971	II 667
— Some instances of the very great and speedy vegetation of turnips - <i>Desaguliers</i>	XXX 974	IV 2 311
— An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c. also to sweeten stinking water - <i>Hales</i>	XLIX 339	
TURNING. The principal properties of the engine for turning ovals in wood or metal, and of the instrument for drawing ovals upon paper demonstrated - <i>Ludlam</i>	LXX 378	
TURN-LATHE. Letters about the method of polishing telescope glasses by a turn-lathe, and also of the making of an extraordinary burning-glass at Milan - <i>Anon.</i>	III 795	I 194
TURPENTINE. The way of making pitch, tar, rosin, and turpentine near Marseilles <i>Bent</i>	XX 291	
TURQUOISE. Some remarks on the precious stone called the turquoise - <i>Mortimer</i>	XLIV 429	X 633
TYCHO BRAHE. Letter concerning the remains of the observatory of the famous Tycho Brahe <i>Gourdon</i>	XXII 691	I 216
TYROL. Remarkable observations in a journey over the Tyrol Alps, with a catalogue of the plants observed - <i>Ehrhart</i>	XLI 547	IX 462 VIII 768
TYRONE. Vide <i>Antiquities</i>		



## U.

**ULCER.** An account of an ulcer in the right groin emitting the fœces of the intestines

	Transf.	Abridg.
<i>Earnshaw</i>	XV 1204	III 119
— An account of a fœtus voided by the ulcered navel of a negro, at Nevis - <i>Brodie</i>	XIX 580	— 219
— An account of the dissection of a person who died of an ulcer in the right kidney <i>Douglas</i>	XXVII 32	V 257
— Concerning the bone of a fœtus being discharged through an ulcer near the navel <i>Drake</i>	XLV 121	XI 1019
<b>UNICORN FISH.</b> An account of a narhual or unicorn fish, lately taken in the river Ost, in the Duchy of Bremen, 1736 - <i>Steigertabl</i>	— 147	— 71
A description of the same fish - <i>Hampe</i>	— 149	— 72
<b>URCHIN.</b> An observation upon the motion of the hearts of two urchins, after their being cut out <i>Templer</i>	VIII 6016	III 69
<b>URETERS.</b> An anatomical observation of four ureters in an infant - <i>Tyson</i>	XII 1039	— 146
— An account of two large stones, which, for twenty years past, lodged in the meatus urinarius, and were thence cut out - <i>Bernard</i>	XIX 250	— 153
— Two cases of insects voided by the urinary passage - <i>Turner</i>	XXXIII 410	VII 539
— A letter concerning the foramen ovale being found open in the hearts of adults, and of the figure of the canal of the urethra <i>Le Cat</i>	XLI 681	IX 134 — 186
— Case of Hannah Hitchcock, one of whose ureters was grown up - <i>Huxham</i>	XLIII 207	XI 1007
— An account of several cases of hernias, and disorders of the urethra - <i>Le Cat</i>	XLVII 324	
— A description of the lymphatics of the urethra and neck of the bladder - <i>H. Watson</i>	LIX 392	

	Transf.	Abridg.
URINE. Account of a bullet voided by urine		
— Two experiments made for finding another passage of the - - - <i>Fairfax</i>	III 803	III 160
— Relation of a worm voided by urine - - - <i>Hauton</i>	V 2049	— 147
— The cure of a total suppression of urine, not caused by the stone, by the use of acids - - - <i>Ent</i>	XII 1009	— 135
— Part of a letter giving an account of several mag- netical experiments, and of one who pretended to cure or cause diseases at a distance, by ap- plying a sympathetic powder to the urine - - - <i>Baynard</i>	XIX 19	— 148
— A relation of a person who voided many hyda- tides in her urine - - - <i>Leeuwenhoek</i>	— 512	— 685
— Letter concerning a bunch of hair voided by urine - - - <i>Davies</i>	XXII 897	V 2 283
— Observations upon the hair - - - <i>Yonge</i>	XXVI 414	V 284
— Account of several solid bodies voided by urine - - - <i>Leeuwenhoek</i>	— 416	— —
— A remarkable conformation of the urinary parts - - - <i>Yonge</i>	— 420	— 286
— A case of an extraordinary cause of a suppression of urine in a woman - - - <i>Bugden</i>	XXXVI 138	VII 540
— Case of a gentlewoman who voided with her urine hairy crustaceous substances, with Sir H. Sloane's answer, containing several observations of extraordinary substances voided by the uri- nary passages - - - <i>Amyand</i>	XXXVII 258	— 540
— Case of hair voided by urine - - - <i>Powell</i>	XLI 699	IX 180
— A case of a very long suppression of urine - - - <i>Knight</i>	— 705	— 182
— An account of a hernia of the urinary bladder including a stone - - - <i>Dawson</i>	LI 215	— 183
— An account of a suppression of urine cured by a puncture made in the bladder through the anus - - - <i>Pott</i>	LIV 61	
— <i>Robert Hamilton</i>	LXVI 578	
URNS. An extract of a letter giving an account of a large number of urns dug up at North Elmham in Norfolk - - - <i>Neve</i>	XXVIII 257	V 2 97
URTICA MARINA. An account of the urtica marina - - - <i>Gaertner</i>	LII 75	
USNEA. An historical memoir concerning a genus of plants called lichen by Micheli, Haller, and Linnæus and comprehended by Dillenius under the terms usnea, coralloides, and lichnoides;		

	Transf.	Abridg.
tending principally to illustrate their several uses - - - <i>W. Watson</i>	L 652	
UTERUS. An account of the dissection of a bitch, whose cornua uteri being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen - - -	XIII 183	II 904
— Account of a foetus lying without the uterus in the belly - - - <i>Savard</i>	XIX 314	III 214
— An account of an hydrops ovarii, with a new and exact figure of the glandulæ renales, and of the uterus in a puerpera <i>Douglas</i>	XXV 2317	V 294
— An account of balls of hair taken from the ute- rus and ovaria of several women <i>Yonge</i>	— 2387	
— An account of several extra-uterine foetus <i>Yonge</i>	XXVI 424	— 306
	— 432	— 199
— Letter concerning the bones of a dead foetus taken out of the uterus of a cow <i>Sherman</i>	— 450	— 54
— Account of an extra-uterine foetus taken out of a woman, after death, that had continued five years and a half in the body <i>Houston</i>	XXXII 387	VII 555
— An account of an extra-uterine conception <i>Myddleton</i>	XLIII 336	XI 1010
— A letter concerning a schirrous tumour of the uterus - - - <i>Templeman</i>	XLIV 285	— 102
— Some account of the foetus in utero being dif- ferently affected by the small-pox <i>W. Watson</i>	XLVI 235	— 1042
— Description of a double uterus and vagina <i>Purcell</i>	LXIV 474	
UVEA. Extract of a letter containing the particulars of the cure of a wound in the cornea, and of a laceration of the uvea, in the eye of a wo- man - - - <i>Aery</i>	XLV 411	— 954



## V.

**VACUUM.** Of the long continuance of a leach alive in the vacuum made in the pneumatic engine

	Transf.	Abridg.
— Experiments about the motion of pendulums in a vacuum <i>Boyle</i>	V 2049	III 147
— An account of an experiment to try the quality of air produced from gunpowder, fired in vacuo <i>Derham</i>	XXIV 1785	IV 2 168
— Experiments on the production and propagation of the light from the phosphorus in vacuo <i>Hauksbee</i>	— 1806	— - 172
— Experiments on the refilition of bodies in common air, in vacuo, and in air condensed <i>Hauksbee</i>	— 1865	— - 181
— Several experiments on the attrition of bodies in vacuo <i>Hauksbee</i>	— 1946	— - —
— An experiment shewing that the seemingly spontaneous ascension of water in small tubes open at both ends is the same in vacuo as in the open air <i>Hauksbee</i>	— 2165	— - 180
— An account of an experiment shewing that actual sound is not to be transmitted through a vacuum <i>Hauksbee</i>	XXV 2223	— - 181
— An account of an experiment touching the propagation of sound passing from the sonorous body into the common air in one direction only <i>Hauksbee</i>	XXVI 367	
— An account of an experiment touching propagation of sound through water <i>Hauksbee</i>	— 369	
— An account of an experiment, shewing that an object may become visible through such an opaque body as pitch in the dark, while it is under the circumstances of attrition and a vacuum <i>Hauksbee</i>	— 371	
— An account of an experiment to prove an interperfed vacuum; or to show that all places are not equally full <i>Hauksbee</i>	— 391	— - 182
— An account of an experiment to shew by a new proof, that bodies of the same bulk do not contain equal quantities of matter, and, therefore that there is an interperfed vacuum <i>Desaguliers</i>	XXX 717	— - 173
	XXXI 81	VI 2 157

	Transf.	Abridg.
VACUUM. Experiments and observations of the freezing of water in vacuo - <i>Fahrenheit</i>	XXXIII 78	V 2 51
— An account of the phenomena of electricity in vacuo - <i>W. Watson</i>	XLVII 362	
VAGINA. An observation of hydatides voided per vaginam - <i>Watson</i>	XLI 711	IX 188
— Description of a double uterus, and vagina <i>Purcell</i>	LXIV 474	
VALUE. Rules for correcting the usual methods of computing amounts and present values, by compound as well as simple interest; and of stating interest accounts - <i>Watkins</i>	XXIX 111	V 2 243
VAPOUR. An estimate of the quantity of vapour raised out of the sea by the warmth of the sun; derived from an experiment shewn before the Royal Society - <i>Halley</i>	XVI 366	II 108
— An account of the circulation of the watry vapours of the sea, and the cause of springs <i>Halley</i>	XVII 468	— 126
— An account of the evaporation of water, as it was experimented in Gresham College, in 1693, with some observations thereon <i>Halley</i>	XVIII 183	— 110
— An attempt to solve the phenomenon of the rise of vapours, formation of clouds, and descent of rain - <i>Desaguliers</i>	XXXVI 6	VI 2 61
— An experiment to shew that some damps in mines may be occasioned only by the burning of candles, under ground, without the addition of any noxious vapour, even when the bottom of the pit has a communication with the outward air, unless the outward air be forcibly driven in at the said communication or pipe <i>Desaguliers</i>	XXXIX 281	
— Some conjectures concerning the rise of vapours <i>Desaguliers</i>	XLII 140	VII 437
— Letters concerning the cause of the ascent of vapour and exhalation, and those of winds; and of the general phenomena of the weather and barometer - <i>Eeles</i>	XLIX 124	
— Remarks on the opinion of Henry Eeles concerning the ascent of vapours <i>Darwin</i>	L 240	
— An account of some new experiments in electricity containing an enquiry whether vapour be a conductor of electricity, &c. <i>Henley</i>	LXIV 389	
VARNISH. The way of making several China varnishes, sent from the Jesuits in China to the great Duke of Tuscany - <i>Sherard</i>	XXII 525	I 602
— An account of the strange effects of the Indian varnish - <i>Del Papa</i>	— 947	V 417
		VARNISH.

	Transf.	Abridg.
VARNISH. Two letters on the texicodendron.		
— <i>Abbé Mazeas and Miller</i>	XLIX 157	
— A letter attempting to ascertain the tree that yields the common varnish used in China and Japan; to promote its propagation in our American colonies; and to set right some mistakes botanists appear to have entertained concerning it	— 866	
Remarks on Mr. J. Ellis's Letter on the texicodendron	L 430	
Answer to the Remarks	— 441	
VAULTS. Hints of the use to be made of vaults, &c.		
<i>Beale</i>	IV 1035	
VEGETABLES. Observations concerning cochineels, accompanied with some suggestions for finding out and preparing such like substances out of other vegetables	III 796	I 212 II 655
— Some communications on the season for transplanting vegetables	— 687 — 690 VI 2128	— 687 — 690 — 775
— Some considerations on the best season for transplantation	— 653 — 655 — 690	— 653 — 655 — 690
— A considerable account touching vegetable excrescencies	— 2144	— 768
— Another letter enlarging his communications on vegetable excrescencies	— 2254	— 770
— Some additions	— 2284 — 3002	— 771
— Observations on the anatomy of the trunks of vegetables, &c.	X 533	
— An account of the nature and differences of the juices, more particularly of our English vegetable	XIX 365	— 696
— Observations on the roots of vegetables	— 790	III 685
— Some observations concerning some wonderful contrivances of nature in a family of plants in Jamaica, to perfect the individuum, and propagate the species, with several instances analogous to them in European vegetables	XXI 113	II 669
— The anatomical preparation of vegetables	XXXVI 441	IV 2 338
— Part of a letter concerning the electricity of vegetables	XLIV 373	X 342
— Account of vegetable balls which grow in a lake near the Humber in Yorkshire	XLVII 498	
With remarks		



	Transf.	Abridg.
VEGETABLES. A letter on the sexes of plants and impregnation of vegetables <i>Styless</i>	LV 258	
— On the nature of gorgonia, that it is a real marine animal, and not of a mixed nature between animal and vegetable <i>Ellis</i>	LXI 1	
— Experiments on animals and vegetables, with respect to the power of producing heat <i>John Hunter</i>	LXV 446	
— Of the heat of animals and vegetables <i>John Hunter</i>	LXVIII 7	
VEGETABLES. (Chymical preparations from) A way of extracting a volatil salt and spirit out of vegetables; intimated in vol. viii. p. 7002 <i>Coxe</i>	IX 4	III 326
— A continuation of a discourse begun in vol. IX. p. 4, touching the identity of all volatil salts and vinous spirits, together with two surprising experiments concerning vegetable salts perfectly resembling the shape of the plants whence they had been obtained <i>Coxe</i>	— 169	— 333
VEGETABLE LAMB. An account of the Scythian vegetable lamb, called borametx <i>Breynius</i>	XXXIII 353	VI 2 317
VEGETATION. Queries concerning vegetation, especially the motion of the juices of vegetables <i>Anon.</i>	III 797	II 752
— Some communications relating to the queries about vegetation <i>Beal</i>	— 853	— 676
A continuation of the answers <i>Tonge</i>	— 877	— 677
Additional answers to queries <i>Tonge</i>	— 880	— 676
Promiscuous additions to what was formerly published in N <sup>o</sup> 43 and 44 <i>Tonge</i>	IV 913	— 678
Instances shewing the correspondence of the pith and timber, with the seed of the plant; as also of the bark or sap in the bark with the pulp of the fruit of some encompassing coat or cod, containing the seed <i>Beale</i>	— 919	— 710
— Experiments concerning the motion of the sap in trees <i>Willoughby and Wray</i>	— 963	— 682
— Hints tending to encrease the fertility of any kind of land, &c. <i>Beal</i>	— 1135	— 728
— Extract of divers letters, touching some enquiries and experiments; touching the motion of sap in trees, and relating to the question of the circulation of the same <i>Lister</i>	VI 2119	— 686
A letter relating to some particulars in Mr. Lister's communications <i>Willoughby</i>	— 2125	— 685
Extract of a letter both in relation to the fur-		

	Transf.	Abridg.
ther discovery of the motion of juices in vegetables, and removing the difference noted in Mr. Willoughby's letter <i>Anon.</i>	VI 2126	II 688
VEGETATION. Some communications on the descent of sap - - - <i>Reed</i>	— 2128	
Some considerations on Mr. Reed's letter shewing in what sense the sap may be said to descend, and to circulate the plants; and the graft to communicate with the stock <i>Beal</i>	— 2144	II 653 — 690
— Some thoughts and experiments concerning vegetation - - - <i>Woodward</i>	XXI 193	— 713
— Some observations concerning vegetation <i>De la Pryme</i>	XXIII 1214	IV 2 310
— Observations and experiments relating to the motion of sap in vegetables <i>Bradley</i>	XXIX 486	V 267
— Some microscopical observations, and curious remarks on the vegetation, and exceeding quick propagation of moldiness, on the substance of a melon - - <i>Bradley</i>	— 490	IV 2 308
— Some instances of the very great and speedy vegetation of turnips - - <i>Desaguliers</i>	XXX 974	— - 311
— Observations on some plants in New England, with remarkable instances of the nature and power of vegetation - <i>Dudley</i>	XXXIII 194	VI 2 342
— Letter concerning the vegetation of melon seed 33 years old - - <i>Gale</i>	XLIII 265	X 761
— New observations upon vegetation <i>Mustel</i>	LXIII 125	
VEINS. Anatomical observations of milk found in the veins instead of blood <i>Boyle</i>	I 100	III 239
A farther account of observations about white blood - - - <i>Lower</i>	— 117	— —
— A new discovery of the communications of the ductus thoracicus, with the emulgent vein <i>Pecquet</i>	II 461	— 258
— Some experiments of injecting liquors into the veins of animals - - <i>Fracassate</i>	— 490	— 232
— Some new experiments of injecting medicated liquor into the veins, together with the considerable cures performed thereby <i>Fabritius</i>	— 564	— 234
— Some anatomical inventions and observations, particularly about the origin of the injection into the veins - - <i>Clark</i>	III 672	— 290
— An ingenious account of veins observed in plants analogous to human veins <i>Lifter</i>	VI 3052	I 691
— Annotations upon a discovery, pretended to have been made by M. Pecquet of a communication		

	Transf.	Abridg.
between the ductus thoracicus and the inferior vena cava - - - <i>Needham</i>	VII 5007	III 259
<b>VEINS.</b> A further account concerning the existence of veins, in all kinds of plants, together with a discovery of the membranous substances of those veins, and of some acts in plants resembling those of sense, and also the agreement of the venal juice in vegetables with the blood of animals, &c. - - - <i>Lifter</i>	— 5131	II 693
— A note upon Mr. Lifter's observations concerning the veins of plants - - - <i>Wallis</i>	VIII 6060	— 696
Remarks on Mr. Wallis's observations <i>Lifter</i>		
— Anatomical observations of an abscess of the liver; a great number of stones in the gall bag and bilious vessels; an unusual conformation of the emulgents and pelvis; a strange conjunction of both kidneys and a great dilatation of the vena cava - - - <i>Tyson</i>	XII 1035	III 81
— Letter concerning powdered blue passing the lacteal veins - - - <i>Lifter</i>	XXII 819	V 259
— An account of a polypus taken out of the vena pulmonalis, and of the structure of that vessel <i>Cowper</i>	— 797	— 221
— An account of divers schemes of arteries and veins, dissected from adult human bodies by J. Evelyn, to which are subjoined a description of the extremities of those vessels, and the manner the blood is seen by the microscope, to pass from the arteries to veins in quadrupeds when living, with some chirurgical observations and figures after the life <i>Cowper</i>	XXIII 1177	— 335
— An account of the veins and arteries of leaves <i>Nicholls</i>	XXXVI 371	VI 2 340
See <i>particular Veins in their Places</i>		
<b>VELOCITY.</b> Remarks upon a supposed demonstration, that the moving forces of the same body, are not as the velocities, but as the squares of the velocities - - - <i>Eames</i>	XXXIV 188	VI 289
— Remarks upon some experiments in hydraulics, which seem to prove that the forces of equal moving bodies are as the squares of their velocities - - - <i>Eames</i>	XXXV 343	— 292
— A letter occasioned by the present controversy among mathematicians, concerning the proportion of velocity and force in bodies in motion - - - <i>Samuel Clarke</i>	— 381	— 294
		VELOCITY.



	Transf.	Abridg.
<b>VELOCITY.</b> A letter containing a new manner of measuring the velocity of wind <i>Brice</i>	LVI 224	
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— Account of advantages of a newly invented machine much varied in its effects, and very useful for determining the perfect proportion between different moveables acting by levers and wheel and pinion	<i>Derham</i> XXIV 1578	IV 464
WATERS. (Agitation of various) Twenty seven letters giving an account of an extraordinary and surprising agitation of the waters, Nov. 1, 1755, though without any perceptible motion of the earth, having been observed in various parts of this island, both maritime and inland on the same day, and chiefly about the time, that the more violent commotions of both earth and waters, so very extensively affected many very distant parts of the globe; in many letters transmitted to the Society; in which are specified the times and places when and where they happened	<i>Le Cerf</i> LXVIII 950	—
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Sussex and Surry	<i>Webb</i> — 551	
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WATERS. (Agitation of various)	Petworth	<i>Hodgson</i>	XLIX 358	
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Chevening	-	<i>Pringle</i>	— —	
Rotherham	-	<i>Mills</i>	— 361	
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Rochford, Essex	-	<i>Thomlinson</i>	— 364	
Reading	-	<i>Philips</i>	— 365	
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bay, Penzance, &c.	-	<i>Huxham</i>	— 371	
Mount's bay	-	<i>Borlase</i>	— 373	
Swansey	-	<i>Blair</i>	— 379	
Norwich	-	<i>Ardern</i>	— 380	
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Toplitz, Bohemia	-	<i>Staplin</i>	— 395	
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Leyden	-	<i>Allmand</i>	— 397	
— An extract of a letter, with an account of an extraordinary agitation of the water in a small lake at Clofeburn, in the shire of Dumfries, Feb. 1, 1756	-	<i>Kilpatrick</i>	— 521	
— Extract of a letter concerning an extraordinary motion in the waters in the lake Ontario in North America	-	<i>Belcher</i>	— 544	
— An account of the agitation of the waters on the 1st of November, 1755, in Scotland and Hamburg	-	<i>Pringle</i>	— 550	
— Extract of a letter relating to the agitation of the waters observed at Dartmouth, Nov. 1, 1755	-	<i>Holdsworth</i>	— 643	
— An account of the agitation of the sea at Antigua Nov. 1, 1755	-	<i>Affleck</i>	— 668	
— An account of the extraordinary agitation of the waters, in several ponds in Hertfordshire, Nov. 1, 1755	-	<i>Rutherford</i>	— 684	
— Some account of the extraordinary agitation of the waters in Mount's bay, and other places, on the 31st of March, 1761	-	<i>Borlase</i>	LII 418	
WATER. (Chemistry) Way of examining waters as				

to freshness and saltness -	Boyle	Transf. XVII 627	Abridg. II 298
WATER. (Chemistry) Several experiments about giving variety of tinctures to water, &c.	Southwell	XX 87	III 656
— An account of the filtering stone of Mexico, and compared with other stones, by which it is shewn that it is of little or no use in purifying the waters which have passed through it	Vaterus	XXXIX 106	VIII 728
— An account of some trials to keep water and fish sweet with lime-water -	Hales	XLVIII 826	
— An account of some trials to sweeten stinking water -	Hales	XLIX 339	
— A letter on the solubility of iron in simple water by the intervention of fixed air	Lane	LIX 216	
— The description of an apparatus for impregnating water with fixed air, and of the manner of conducting that process -	Nooth	LXV 59	
WATER, LIME. See <i>Lime</i>			
WATER. (Gravity) An invention for estimating the weight of water in water, with ordinary balances and weights -	Boyle	IV 1001	I 520
— A new experiment concerning an effect of the varying weight of the Atmosphere upon some bodies in the water -	Boyle	VII 5156	II 204
— Some experiments and observations on the force of the pressure of the water at great depths	Anon.	XVII 504	I 521
— An extract of a letter giving an account of an experiment made in the bay of Biscay of the pressure of water at various depths on a bottle close corked, and of Lay Well which ebbs and flows -	Oliver	XVII 908	—
— An account of an experiment touching the proportion of the weight of air, to the weight of a like bulk of water, without knowing the quantity of either -	Hauksbee	XXV 2221	IV 2180
— An account of some experiments in relation to the weight of common water under different circumstances -	Hauksbee	XXVI 221	
— An account of an experiment touching the different densities of common water from the greatest degrees of heat in our climate, to the freezing point, observed by a thermometer	Hauksbee	- 267	VI 2181



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WATER. (Gravity) An account of some experiments in relation to the weight of common water under different circumstances - <i>Hauksbee</i>	XXVI 269	IV 2 181
— An experiment touching the weighing of bodies of the same species, but very unequal surfaces in common water, being of an equal weight in common air - <i>Hauksbee</i>	— 306	— - 181
— The specific gravity of several metalline cubes, in comparison with their like bulks of water <i>Hauksbee</i>	XXVIII 521	
— A caution to be used in examining the specific gravity of solids by weighing them in water <i>Jurin</i>	XXXI 223	VI 327
— A course of experiments to ascertain the specific buoyancy of cork in different waters, the respective weights and buoyancy of salt water, and fresh water, and for determining the exact weight of human and other bodies in fluids - <i>Wilkinson</i>	LV 95	
WATER. (Hydraulics) A way of producing wind, by the fall of water <i>Pope</i>	I 21	I 498
— Undertaking for raising of water <i>Moreland</i>	IX 25	— 537
— A new way of raising water <i>Papin</i>	XV 1093	— 539
— Letter concerning Dr. Papin's way of raising water - <i>Vincent</i>	— 1238	— —
— Letter concerning Dr. Papin's new water engine - <i>Tenon</i>	— 1254	— —
— A full description, with the use, of a new contrivance for raising water - <i>Papin</i>	— 1274	— 450
— Answer to several objections made by Mr. Nuis against his engine for raising water by the rarefaction of the air - <i>Papin</i>	XVI 263	— 542
— An account of the motion of running water <i>Jurin</i>	XXX 748	IV 435
— A description of an engine to raise water by help of quicksilver, invented by Haskins, and improved by Defaguliers - <i>Anon.</i>	XXXII 5	VI 352
— A defence of the dissertation on the motion of running water against the animadversions of P. A. Michelotti - <i>Jurin</i>	— 179	— 431
— An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermixed air, with a description of a new machine, whereby pipes may be cleared of air, as the water runs along, without stand-pipes, or the help of any hand <i>Defaguliers</i>	XXXIV 77	— 347 WATER

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— An account of a new engine for raising water by horses - - - <i>Churchman</i>	XXXVIII	VIII 322
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— A narrative of a new invention of expanding fluids by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulo-pneumatical and other engines for raising of water and other uses, &c. <i>Payne</i>	XLI 821	VIII 638
— Part of a letter containing a description of a water-wheel for mills, invented by Mr. Philip Williams - - - <i>Arderon</i>	XLIV 1	X 247
— A description of a clepsydra, or water clock <i>Hamilton</i>	— 171	— 428
— An experimental enquiry, concerning the natural powers of water and wind to turn mills, and other machines depending on a circular motion - - - <i>Smeaton</i>	LI 100	
— Problems concerning the fall of water under bridges, applied to the fall under London and Westminster Bridges - - - <i>Robertson</i>	L 492	
— Short and easy methods for finding the quantity and weight of water contained in a full pipe of any given height and diameter of bore, and consequently to find what degree of power would be required to work a common pump, or any other hydraulic engine, when the diameter of the pump bore, and the height to which the water is to be raised, are given <i>Ferguson</i>	LV 61	
— A memoir concerning the most advantageous construction of water-wheels, &c. <i>Mallet</i>	LVII 372	
— An account of a machine for raising water, executed at Oulton in Cheshire, in 1772 <i>Whitehurst</i>	LXV 277	
<b>WATER. (Medicine)</b> An account of what happened on syringing warm water into the thorax of a bitch - - - <i>Musgrave</i>	XX 181	III 78
— The art of living under water; or a discourse concerning the means of furnishing air at the bottom of the sea in any ordinary depths <i>Halley</i>	XXIX 492	IV 2 188

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— Relation of a girl three years old, who remained a quarter of an hour under water without drowning - <i>Green</i>	XLI 166	IX 241
— Case of a large quantity of matter or water contained in cyttis or bags adhering to the peritoneum, and not communicating with the cavity of the abdomen - <i>Graham</i>	— 708	— 187
— A letter concerning a man who lived eighty years on water - <i>Campbell</i>	XLII 240	— 238
— An account of an extraordinary cyttis in the liver, full of water - <i>Fernegan</i>	XLIII 305	XI 971
— A proposal for warming rooms by the steam of boiling water conveyed in pipes along the walls - - - <i>Cook</i>	— 370	— 1391
— Account of the airs extracted from different kinds of waters, with thoughts on the salubrity of the air at different places <i>Fontana</i>	LXIX 432	
WATERS (Mineral.) Account of a pond in Somersethire to which pigeons resort, but cattle will not drink at it - <i>Anon.</i>	I 332	II 332
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— An account of some sanative-waters in Herefordshire - - - <i>Beale</i>	— 358	— —
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— Some reflections made on the enlarged account of Dr. Wittie's answer to hydrologia chymica, chiefly concerning the cause of the sudden loss of the virtues of mineral waters <i>Foot</i>	— 1050	— 365
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— Discourse relating to the notes of Dr. Foot in vol. IV. 1050, and of Dr. Highmore in vol. IV. 1128, concerning mineral waters, and extracts made out of them - <i>Wittie</i>	V 1074	
— Advertisements concerning springs, waters, petrifying and metallizing waters, &c. <i>Beal</i>	X 357	
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— A short account of the nature and virtues of the Pyrmont waters, with some observations on their chalybeate qualities <i>Stare</i>	XXX 564	IV 2 201
— An historico-physical observation on the brass waters of Nisfol commonly called cement-watfzer, changing iron to brass <i>Belius</i>	XL 351	VIII 645
— An examination of the Chilternham mineral water, which may serve as a method in general for examining mineral waters <i>Seckenburg</i>	XLI 830	— 650
— Experiments by way of analysis upon the water of the Dead Sea, upon the hot spring near Tiberiades, and upon Hamman Pharoan water - - - <i>Perry</i>	XLII 48	— 643
— An account of the Carlsbad mineral waters in Bohemia - - - <i>Milles</i>	L 25	
— Thoughts on the different imprégnations of mineral waters; more particularly concerning the existence of sulphur in some of them <i>Rutty</i>	LI 275	
— Extract of an essay entituled, On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, the nature of burning fountains, and of those poisonous lakes which the antients called Avernî <i>Brownrigg</i>	LV 236	
— Experiments on Rathbone-Place water <i>Cavendish</i>	LVII 92	
— An account of the sulphureous mineral waters of Castle-Loed and Fairburn in the county of Ross, and of the salt purging water of Pitkeathly in the county of Perth, in Scotland <i>Monro</i>	LXII 15	
— Continuation of an experimental inquiry concerning the nature of the mineral elastic spirit or, air contained in the Pouhon water, and other acidulæ - - - <i>Brownrigg</i>	LXIV 357	
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WATER. (Natural history) Of a place in England, where, without petrifying water, wood is turned into stone - - - <i>Boyle</i>	I 101	II 325
— The causes of mineral springs further inquired into and the strange and secret changes of liquors, examined - - - <i>Beale</i>	IV 1131	— 712
— A particular account of the origin of fountains		

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and to shew that the rain and snow waters are sufficient to make fountains and rivers run perpetually - - - <i>Anon.</i>	X 447	II 329
<b>WATER</b> (Natural history) Observations concerning some little animals observed in rain, well, sea, and snow water; as also in water where pepper had lain infused - - - <i>Leeuwenboek</i>	XII 821	III 683
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— Experiments and observations about the natron of Egypt, and the Nitrian water <i>Leigh</i>	XIV 609	II 525
— Several observations and experiments on the animalcula in pepper water <i>Sir Edmund King</i>	XVII 861	III 654
— The history of the generation of an insect by him called the Wolf; with observations on insects bred in rain water, in apples, cheese, &c. - - - <i>Leeuwenboek</i>	XVIII 194	— 685
— Some microscopical observations of vast numbers of animalcula seen in water <i>Harris</i>	XIX 254	— 652
— An account of an extraordinary eruption of water, in June, 1686, in Yorkshire <i>R. P.</i>	XX 382	II 328
— Observations on some animalcula in water <i>Leeuwenboek</i>	XXIII 1430	V 2 266
— Part of a letter giving a farther account of an eruption of waters in Craven <i>Thoresby</i>	XXV 2236	IV 2 192
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— Observations on the mouths of eels in vinegar, and also a strange aquatic animal <i>Baker</i>	XLII 416	— 38
— Observations upon several species of small water insects of the polypus kind - - - <i>Trembley</i>	XLIV 627	XI 807
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<b>WATERS.</b> (Natural philosophy) Some trials about the air usually harboured and concealed in the pores of water - - - <i>Boyle</i>	V 2018	— —
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— Letter concerning making water subservient to the viewing both near and distant objects, with the description of a natural reflecting microscope - - - <i>Gray</i>	XVIII 539	I 195
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— An experiment shewing that the seemingly spontaneous ascension of water in small tubes, open at both ends, is the same in vacuo as in the open air - - <i>Hauksbee</i>	XXV 2223	V 279
— Several experiments touching the seeming spontaneous ascent water - <i>Hauksbee</i>	XXVI 258	IV 2 181
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— Part of a letter concerning the ascent of water between two glass planes - <i>Taylor</i>	— 538	IV 423
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— An account of some experiments, with an enquiry into the cause of the ascent and suspension of water in capillary tubes <i>Jurin</i>	XXX 739	IV 423
— An account of some new experiments relating to the action of glass tubes upon water and quick-silver - - <i>Jurin</i>	— 1083	— 428
— Experiments and observations of the freezing of water in vacuo - <i>Fahrenheit</i>	XXXIII 78	VI 2 51
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— Extract of two letters concerning the effects of a cane of black sealing-wax, and a cane of brimstone, in electrical experiments <i>Miles</i>	XLIV 27	X 317
— Observations on the Abbe Mazeas's letter on the Count de Caylus's method of imitating the ancient painting in burnt wax <i>Parsons</i>	XLIX 655	
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— A letter of weighing the strength of electrical effluvia - - <i>Ellicot</i>	XLIV 96	X 324
— A course of experiments to ascertain the respective weights and buoyancy of salt-water and fresh water, and for determining the exact weight of human and other bodies in fluids - - <i>Wilkinson</i>	LV 95	
<b>WEIGHTS AND MEASURES.</b> An experiment to compare Paris weights as they are now used with the English weights - <i>Desaguliers</i>	XXXI 112	VII 4 46
— An account of the analogy betwixt English weights and measures of capacity <i>Barlow</i>	XLI 457	IX 488
— An account of the proportion of the English and French measures and weights from the standard of the same kind at the Royal Society - - <i>Anon.</i>	XLII 185	— 489
— An account of a comparison lately made by some gentlemen of the Royal Society of the standard of a yard, and the several weights lately made for their use; with the original standards of measures and weights in the Exchequer, and some others kept for public use at Guildhall, Founders Hall, the Tower, &c. - - <i>Graham</i>	— 541	— 491
— A state of the English weights and measures of capacity, as they appear from the laws as well ancient as modern; with some considerations thereon; being an attempt to prove that the present avoirdupois weight is the legal and ancient standard for the weights and measures of this kingdom <i>Reynardson</i>	XLVI 54	XI 1356

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— An inquiry to shew what was the ancient English weight and measure according to the laws or statutes prior to the reign of Henry the Seventh <i>Norris</i>	LXV 48	
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WEIGHT. Extract of a letter concerning two men of an extraordinary bulk and weight <i>Knowlton</i>	XLIV 100	XI 1245
WELL. The description of a well and earth in Lancashire, taking fire by a candle approached to it <i>Shirley</i>	II 482	III 149
— An account of wells, both salt and sweet, digged near the sea at Bermudas <i>Norwood</i>	— 565	II 298
— Instances, hints, and applications, relating to a main point, solicited in the preface to this fourth volume, concerning the use may be made of vaults, deep wells, and cold conservatories, to find out the cause, or to promote the generation of salt, minerals, metals, crystals, gems, stones of divers kinds, &c. <i>Beale</i>	IV 1135	
— Observations concerning some little animals observed in rain, well, sea, and snow-water; as also in water where pepper had lain infused <i>Leeuwenboek</i>	XII 821	III 683
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— A letter from the king's officers at Sheerness giving an account of what they met with in opening an ancient well near Queensborough, in Kent, Jan. 8, 1729 <i>Collifson</i>	XXXVI 191	IV 2 244
— An observation of an extraordinary damp in a well in the isle of Wight <i>Cooke</i>	XL 379	VIII 658
— A letter concerning a burning well at Brosely <i>Mason</i>	XLIV 370	X 586
— An account of a new medicinal well, lately discovered near Moffat in Annandale, in the county of Dumfries <i>Walker</i>	L 117	
— Extract of a letter from Calcutta, concerning a burning rock, and a burning well <i>Wood</i>	LII 415	



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WEREDALE. A letter concerning a subterraneous cavern in Wereda'e - - <i>Durant</i>	XLIV 221	X 588
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WHALE. (Fish and fishing) Of the new American whale fishing about the Bermudas <i>Anon.</i>	I 11	II 824
— A further relation of the whale fishing about the Bermudas, and on the coast of New-England, and New Netherland <i>Anon.</i>	— 132	
— An account of the whale fishing at Bermudas, and of such whales as have the sperma-ceti in them - - <i>Noirwood</i>	II 565	— 268
— A letter concerning the whales at Bermudas and sperma-ceti - - <i>Stafford</i>	III 792	— —
— A letter concerning the flesh of whales, crystalline humour of the eye of whales, fish and other creatures, and of the use of the eye-lids <i>Leeuwenhoek</i>	XXIV 1723	V 2 267
— A letter containing observation upon the seminal vessels, muscular fibres, and blood of whales - - <i>Leeuwenhoek</i>	XXVII 438	V 2 267
— Of ambergris found in whales <i>Boylston</i>	XXXIII 193	VII 423
— An essay upon the natural history of whales, with a particular account of the ambergris found in the sperma ceti-whale <i>Dudley</i>	— 256	— 424
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